
iTunes Package Film Specification 4.3



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Introduction

Overview

This document specifies the iTunes Package format for delivering Film content to the iTunes Store.

An iTunes Package is a directory that contains the data necessary to describe a product: video files, poster image, and the metadata describing how to put it all together. Each package represents a Film product within the iTunes Store.

For questions regarding other kinds of content, such as television, music, or music video, contact your iTunes Technical Representative.

Changes Made in this Release

Date/Version	Changes Made
February 3, 2010 - Version 4.3	Added a chapter to explain interval pricing. Added capability to identify Ireland-specific poster art and trailers. Added an explanation for the <code>xmlns</code> attribute of the <code><package></code> tag. Added an example of updating an alternate audio asset. Clarified that poster art must not display any ratings. Corrected the annotation for <code><original_spoken_locale></code> .

For a complete history of changes, see [“Previous Spec Revisions”](#) (page 135).

What’s New in iTunes Store Package Film Profile 4.3?

Film Profile: Interval Pricing

Interval pricing allows a film's wholesale pricing to automatically change during specific periods of time. This is especially useful for sales and other promotions that require temporary or permanent pricing changes on pre-determined dates. Interval pricing, if used, replaces the previous pricing model.

Film Profile: Locales

Ireland is now supported for use with Ireland-specific poster art and trailers. `en-IE` can now be used as a locale for trailers and `IE` can be used as a territory for poster art. Note that `en-IE` cannot be used in the `<language>` tag, or in the `<locale>` tag for the main video source, audio, title, synopsis, or chapter titles.

Film Profile: Poster Art

Poster art must not display any film ratings.

INTRODUCTION

Introduction

Film Profile: Corrections/Clarifications

The `<package>` tag annotations omitted the description of the `xmlns` attribute. It serves as a declaration that the elements in the XML are expected to conform to the schema associated with the specified namespace, which is <http://apple.com/itunes/importer>. An example showing how to update an alternate audio asset has been added (see “[Alternate Audio Asset-Only Update Example](#)” (page 43)).

Made a correction to the annotation for `<original_spoken_locale>`.

Film Profile: Element Changes

Added

```
<intervals>
```

```
<interval>
```

Delivery & Formatting Guidelines

Audio, Video & Images

Audio, video, and image files must be provided in very specific sizes and formats. For complete details and all requirements, see the *Asset Specification Guide*.

Note: Quality is important to us at iTunes. We expect to receive the highest-quality assets available. Our product must meet or exceed the quality of the physical product already out in the marketplace. For example, if 5.1 surround sound or closed captions exist on the physical version of the product, those must be provided. If the physical product gives the chapters actual names (as opposed to Chapter 1, Chapter 2, and so on), then our product should have those same chapter titles.

Package Format

All delivered metadata and asset files must be delivered in the iTunes package format.

An iTunes Package is a directory whose name ends in ".itmSP" containing:

- an XML file named `metadata.xml` that describes the delivered content using the structure documented in this specification
- digitally encoded source materials (audio, videos, closed captioning, notes, et cetera)
- associated image files

Send your content to iTunes in the package format, with one directory per film. For example, for a film whose vendor identifier is 09736156444, the package would be comprised of a directory named 09736156444.itmSP, and might contain the following files:

- `metadata.xml` (xml-formatted metadata specific to this film)
- `09736156444-source.mov` (video asset file for this film)
- `09736156444-preview.mov` (trailer asset file for this film)
- `09736156444.jpg` (poster for this film)
- `chapter01.jpg` (chapter image asset file for this film; for brevity only one chapter image file is shown here)
- `09736156444-source-notes.pdf` (QC notes for this film)
- `09736156444-english.scc` (EIA 608 format closed caption file for this film)

The name for the package directory must match the `<vendor_id>` provided in the accompanying metadata file and should follow the format `vendor_id.itmsp`. The names of the files within the package can have any name, as long as the names correctly match the filenames provided in the accompanying XML. The metadata XML file must be immediately (at the top level) within the package directory. Vendor identifiers can only contain alphanumeric characters, must be at least six ASCII characters in length, and can contain underscores (“_”). Packages delivered with vendor identifiers that do not begin with an alphanumeric character, or that contain other characters will be rejected.

For further explanation, see [“Film Package Summary”](#) (page 119).

Metadata Details

Character Encoding

All metadata files must use UTF-8 Unicode character encoding. UTF-8 efficiently encodes non-Roman characters and helps to ensure that metadata displayed in the store is the same as was intended by the repertoire owner.

Note that simply declaring a metadata file as UTF-8 is not sufficient. The file itself must also be correctly encoded for accented characters and punctuation to appear correctly in the iTunes Store.

This specification defines character lengths in bytes. Japanese language characters are represented in 3 bytes so be sure not to exceed the character lengths when including these characters.

Your metadata file should not contain a byte-order mark (BOM) as it is not necessary for UTF-8 encoded data files nor is it supported by iTunes at this time. Incorrectly encoded metadata files or files that include a BOM will cause delays or may prevent your content from importing.

Checksums

All content files delivered to iTunes must include an industry-standard MD5 digest checksum, a measure that helps to guarantee that the asset files received by iTunes are correct and complete. Once received, the MD5 checksum contained in the metadata file (one for each asset file provided) is compared against the actual file received by iTunes. If any differences are detected, the asset file and the entire corresponding package are rejected. See the [“Helpful Tools”](#) (page 133) section of this document for tools that can generate MD5 checksums for your content.

XML Formatting

There should be no null data or empty tags in the XML. The XML must be formatted to use line breaks and indentations as demonstrated in the examples included in this document. `xmllint` is a Unix command line tool that may be helpful to ensure that the provided XML is correctly formatted. Read the *iTunes Schema Validation Guide* for more information.

Film Ratings

iTunes requires ratings for film content if it has been rated by a film review board. For film content sold in the United States, the Motion Picture Association of America (MPAA) supported Classification and Rating Administration (CARA) Rating system is used. For details on the supported and legacy Classification and Rating Administration ratings, see “[Table 1: Film Metadata Rating Systems Values](#)” (page 121).

To differentiate one rating system from another, a system context must be specified in the system attribute of the rating element in the XML.

The ratings board may provide a reason for rating content; that explanation may also be provided and presented to customers. A rating reason can only be supplied in the exact form given by the rating board; providers cannot write their own rating reason.

The following is an excerpt from a metadata.xml file showing a PG-13 rating with the MPAA reason for the US:

```
<rating system="mpaa" reason="Rated PG-13 for drug content, some sensuality and war violence">PG-13</rating>
```

The rating systems and values are defined in “[Table 1: Film Metadata Rating Systems Values](#)” (page 121).

If a film does not specify any ratings, the film will be marked *unrated* when browsed by customers. Unrated content will be restricted by the iTunes Parental Control feature, so Apple suggests providing ratings when available.

Important: Made-for-television movies may specify Television Parental Guidelines ratings. For more information, contact your iTunes Technical Representative.

Note that ratings should not be displayed on the poster image.

Chaptering

If a film is going to be made available for sale, it must be delivered with chaptering information. The information is comprised of metadata (chapter start time and title) and images. Chapter times must be chronologically ordered. If using `qt_text` as the timecode format, the first chapter stop must be at 00:00:00. If using a frame-accurate timecode format, the first chapter stop must be at 00:00:00:00. The last chapter stop must be before the end of the film. We recommend that the chapters provided match what is on the DVD. In addition, include a chapter for film credits as the last chapter. The chapter images should be delivered with the same aspect ratio as the source, with matting removed and a minimum width of 640 pixels. Chapter images must be cropped (no letterbox, pillarbox, or windowbox). Each chapter filename must be unique.

Assets and Data Files

Film content requires one full feature-length video asset and one preview video asset that contains the trailer. Each asset is comprised of a set of data files. The data files play specific roles for their asset. For example, the full asset must contain a data file which has a role called “source.”

The table below outlines the two expected assets, along with the required and expected data files. For more information, see the *Asset Specification Guide*. Required asset and data files are marked with an asterisk (*).

Asset	Data File	Description
Type: full*		
The full asset contains the feature length video product. Only one of these can be specified.		
	Role: source	The full source data file contains the full length video and audio streams. Only one of these can be specified. See <i>Asset Specification Guide</i> for complete details.
	Role: audio An optional data file for an alternative audio track	Use this audio file for additional audio languages to add to the film. Multiple audio files are accepted, one per locale. See “ Multiple-Language Film Metadata Example ” (page 47) to see how to deliver alternate audio. The audio files must be in the QuickTime format and tagged as required by the <i>Asset Specification Guide</i> .
	Role: captions An optional single caption file.	Closed captioning for the full asset.
	Role: notes One or more optional data files to provide notes	The notes data file contains information about any known issues or characteristics of the full video. The data file must be in PDF format. Multiple files can be sent in the package.
Type: preview*		
The preview asset contains the movie trailer or pre-sale merchandising asset. You can specify more than one asset, one per territory.		
	Role: source*	The preview source data file contains the preview length video and audio streams. Multiple trailers are accepted, one per territory.
	Role: notes One or more optional data files to provide notes	The notes data file contains information about any known issues or characteristics of the preview video. The data file must be in PDF format. Multiple files can be sent in the package.

Metadata and Asset Updates

If product offerings change at any point, an update can be sent through the feed.

Send an update when you need to:

- **Change the metadata.** This update includes only the XML; you do not need to include any assets. XML-only delivery/updates should not include the assets block (`<asset>`) of the XML.
- **Replace one or more assets.** This update should include the XML with the assets block included, as well as the assets to be replaced. You do not need to reference and deliver all the assets; reference and deliver only the assets that are being added or replaced. Based on what has been delivered previously, iTunes treats an asset as either an initial delivery or a replacement.
- **Remove one or more assets.** For each asset you want to remove, use the attribute `remove="true"`:

```
<data_file role="source" remove="true">
```

 See [“Asset Removal Examples”](#) (page 43) for an example.

The newly sent package is compared against the current offering and changes are automatically applied.

- Only the following fields will be updated via a package redelivery (fields that can be updated are noted in the annotations):
 1. Ratings can be added or changed but not removed through updates. Should ratings be mistakenly added, contact your iTunes Technical Representative for correction.
 2. Advisories can be added. All advisory updates are additive only and will not modify the currently active advisories in the Store. Should advisories be mistakenly added, contact your iTunes Technical Representative for correction.
 3. Copyright © line can be added or changed through redelivery.
 4. Chapter titles and chapter artwork can be added or changed, however you must send all chapters, not just the ones being updated.
 5. The theatrical release date can be changed.
 6. Video subtype (*feature, short, or concert*) can be changed.
- Cue sheet block can be added or changed but not removed through updates. Should a cue sheet be mistakenly added, contact your iTunes Technical Representative for correction.
- Product block updates will add and modify territory clearances.
- Items in the asset block (`<asset>`) will update by overwriting the previous file with the new file. Assets of type "artwork" (`<asset type="artwork">`) cannot be updated through redelivery.

An update can be metadata-only, metadata-plus-assets, or asset-only. When metadata is delivered, all metadata XML must always be correct and complete. If it is not, the update will not be processed. Metadata-only delivery/updates should not include the `<assets>` block of the XML. If an update is to be metadata-plus-assets, all metadata must be correct and complete, and the `<assets>` block should be included, referencing any assets to be added, replaced, or removed. For a complete example, see [“Film Metadata-Only New Delivery”](#) (page 35) and [“Film Metadata-Only Update”](#) (page 39).

Asset-only delivery/updates for assets (i.e. video, closed captions, etc.) can be sent independently of the metadata. Assets cannot be delivered unless the metadata has already been sent and imported. If the assets are sent before metadata has been delivered, the asset-only delivery will fail. Asset-only delivery/updates need only include any files that are to be delivered or replaced. Any files to be removed must be explicitly referenced by name, role, size, and checksum based on the most recent delivery to iTunes. For a complete example, see [“Film Asset-Only New Delivery”](#) (page 37) and [“Film Asset-Only Update”](#) (page 41).

Important: Any changes should be considered “effective immediately” and cannot be made at a guaranteed date or time.

Film Profile: Basic Example

Overview

The Film profile is used for the delivery of all types of film content, including feature and concert films.

Each package represents a single downloadable video within the iTunes Store. It is not possible to combine content from different packages or to deliver source assets in segments.

Important: Contracts must be signed and in effect before any content may be sold or rented.

For questions regarding this document, contact your iTunes Technical Representative.

Basic Film Metadata Example

Below is an example metadata.xml file for the feature film Forrest Gump.

```
<?xml version="1.0" encoding="UTF-8"?>
<package xmlns="http://apple.com/itunes/importer" version="film4.3">
  <provider>Paramount</provider>
  <language>en-US</language>
  <video>
    <type>film</type>
    <subtype>feature</subtype>
    <vendor_id>09736156444</vendor_id>
    <isdn>0000-0000-03B6-0000-0-0000-0000-2</isdn>
    <upc>09736156444</upc>
    <amg_video_id>V 131221</amg_video_id>
    <country>US</country>
    <title>Forrest Gump</title>
    <synopsis>"Stupid is as stupid does," says Forrest Gump (played by Tom Hanks in an Oscar-winning performance) as he discusses his relative level of intelligence with a stranger while waiting for a bus. Despite his sub-normal IQ, Gump leads a truly charmed life, with a ringside seat for many of the most memorable events of the second half of the 20th century. Entirely without trying, Forrest teaches Elvis Presley to dance, becomes a football star, meets John F. Kennedy, serves with honor in Vietnam, meets Lyndon Johnson, speaks at an anti-war rally at the Washington Monument, hangs out with the Yuppies, defeats the Chinese national team in table tennis, meets Richard Nixon, discovers the break-in at the Watergate, opens a profitable shrimping business, becomes an original investor in Apple Computers, and decides to run back and forth across the country for several years. Meanwhile, as the remarkable parade of his life goes by, Forrest never forgets Jenny (Robin Wright Penn), the girl he loved as a boy, who makes her own journey through the turbulence of the 1960s and 1970s that is far more troubled than the path Forrest happens upon. Featured alongside Tom Hanks are Sally Field as Forrest's mother; Gary Sinise as his commanding officer in Vietnam; Mykelti
```

```

Williamson as his ill-fated Army buddy who is familiar with every recipe that involves
shrimp; and the special effects artists whose digital magic place Forrest amidst a
remarkable array of historical events and people.</synopsis>
  <production_company>Paramount Pictures</production_company>
  <copyright_cline>1994 Paramount Pictures</copyright_cline>
  <theatrical_release_date>2007-05-04</theatrical_release_date>
  <genres>
    <genre>Comedy</genre>
    <genre>Drama</genre>
  </genres>
  <ratings>
    <rating system="mpaa" reason="Rated PG-13 for drug content, some sensuality
and war violence.">PG-13</rating>
  </ratings>
  <cast>
    <actor name="Hanks, Tom" display="Tom Hanks" amg_artist_id="P 93341"
billing="top">Forrest Gump</actor>
    <actor name="Penn, Robin Wright" display="Robin Wright Penn" amg_artist_id="P
77633" billing="top">Jenny Curran</actor>
    <actor name="Sinise, Gary" display="Gary Sinise" amg_artist_id="P111667"
billing="top">Lt. Dan Taylor</actor>
    <actor name="Williamson, Mykelti" display="Mykelti Williamson"
amg_artist_id="P 76595" billing="top">Bubba Blue</actor>
    <actor name="Field, Sally" display="Sally Field" amg_artist_id="P 89714"
billing="top">Mrs. Gump</actor>
    <actor name="Humphreys, Michael Conner" display="Michael Conner
Humphreys">Young Forrest</actor>
    <actor name="Hall, Hanna R." display="Hanna R. Hall">Young Jenny
Curran</actor>
  </cast>
  <crew>
    <member name="Zemeckis, Robert" display="Robert Zemeckis"
amg_artist_id="P117906" billing="top">Director</member>
    <member name="Starkey, Steve" display="Steve Starkey" amg_artist_id="P112522"
billing="top">Producer</member>
    <member name="Starkey, Steve" display="Steve Starkey" amg_artist_id="P112522"
billing="top">First Assistant Director</member>
  </crew>
  <chapters>
    <timecode_format>24/1:1/nonDrop</timecode_format>
    <chapter>
      <start_time>00:00:00:00</start_time>
      <title locale="en-US">Forrest's Story Begins</title>
      <artwork_file>
        <file_name>chapter01.jpg</file_name>
        <checksum type="md5">ed93d0f3224a353a4cc8d4175d645130</checksum>
        <size>6591649</size>
      </artwork_file>
    </chapter>
    <chapter>
      <start_time>00:07:45:23</start_time>
      <title locale="en-US">Football at Alabama</title>
      <artwork_file>
        <file_name>chapter02.jpg</file_name>
        <checksum type="md5">86bed7ef05c34c1e85345f40d11137a9</checksum>
        <size>6591649</size>
      </artwork_file>
    </chapter>
  </chapters>

```

```

<!-- Additional chapters here. -->
  </chapters>
  <assets>
    <asset type="full">
      <data_file role="source">
        <locale name="en-US"/>
        <file_name>09736156444-source.mov</file_name>
        <size>2595225600</size>
        <checksum type="md5">2a793a8b46037fe8aa29dd739b49911a</checksum>
        <attribute name="crop.top">80</attribute>
        <attribute name="crop.bottom">80</attribute>
        <attribute name="crop.left">50</attribute>
        <attribute name="crop.right">50</attribute>
      </data_file>
      <data_file role="captions">
        <file_name>09736156444-english.scc</file_name>
        <size>9511</size>
        <checksum type="md5">5a793a8b46037fe8aa2bdd739b49911a</checksum>
      </data_file>
    </asset>
    <!-- World Trailer. Will be used where territory-specific trailer has not been provided -->
    <asset type="preview">
      <territories>
        <territory>WW</territory>
      </territories>
      <data_file role="source">
        <locale name="en-US"/>
        <file_name>09736156444-US-preview.mov</file_name>
        <size>9987212</size>
        <checksum type="md5">739b43b793a8b46037fe8aa29dd9911e</checksum>
        <attribute name="crop.top">80</attribute>
        <attribute name="crop.bottom">80</attribute>
        <attribute name="crop.left">50</attribute>
        <attribute name="crop.right">50</attribute>
      </data_file>
    </asset>
    <!-- World Poster Art. Will be used where territory-specific poster art has not been provided -->
    <asset type="artwork">
      <territories>
        <territory>WW</territory>
      </territories>
      <data_file>
        <file_name>09736156444.jpg</file_name>
        <size>6591649</size>
        <checksum type="md5">43e7dddfe4b8ab433ede429df86cabb2</checksum>
      </data_file>
    </asset>
  </assets>
  <products>
    <product>
      <territory>US</territory>
      <cleared_for_sale>true</cleared_for_sale>
      <cleared_for_hd_sale>true</cleared_for_hd_sale>
      <wholesale_price_tier>3</wholesale_price_tier>
      <preorder_sales_start_date>2006-02-10</preorder_sales_start_date>
      <sales_start_date>2006-03-12</sales_start_date>
    </product>
  </products>

```

```

        <cleared_for_vod>true</cleared_for_vod>
        <vod_type>New Release</vod_type>
        <available_for_vod_date>2007-11-12</available_for_vod_date>
        <unavailable_for_vod_date>2008-11-12</unavailable_for_vod_date>
        <physical_release_date>2007-08-01</physical_release_date>
        <cleared_for_hd_vod>false</cleared_for_hd_vod>
    </product>
</products>
</video>
</package>

```

Basic Film Metadata Annotated

Package Metadata Fields	
<pre><?xml version="1.0" encoding="UTF-8"?></pre>	<p>XML Declaration (<i>required</i>)</p> <p>The character encoding of your document must be defined.</p> <p>iTunes only accepts UTF-8 encoding as it efficiently encodes non-Roman characters.</p> <p>Important: The metadata.xml file must not contain a byte-order mark (BOM).</p>
<pre><package xmlns="http://apple.com/itunes/importer" version="film4.3"></pre>	<p>Package Container (<i>required</i>)</p> <p>The <code>xmlns</code> (for XML namespace) attribute is required and is needed for schema validation. It is used to declare the namespace (and associated schema) to which the tags in the XML are expected to conform. The namespace must be <code>http://apple.com/itunes/importer</code>.</p> <p>The version attribute is required and should refer to the version of the specification used to create the metadata.</p> <p>Packages created to this specification must indicate <code>version="film4.3"</code>. The "film" portion of the attribute must be in lowercase letters.</p>

<language>en-US</language>	<p>Language <i>(required)</i></p> <p>The language of the metadata for this package. Fields such as title and synopsis are expected to appear in this language.</p> <p>To specify a language, use a dash character to combine a language designator with a region designator. This identifies both the language and the specific location where the language is spoken. For example, the language code for English-language speakers in Great Britain is en-GB, while the language code for English-speaking residents of the United States is en-US.</p> <p>iTunes follows the RFC4646 standard. See “Language Codes” (page 125) for a list of common codes. For more details on languages, see http://tools.ietf.org/html/rfc4646.</p> <p>Note: The 2-letter primary code from the ISO639 standard will still be accepted for backwards compatibility, however, keep in mind that “en” defaults to en-US.</p> <p>To provide metadata in multiple languages, see “Multiple Language Film Profile” (page 47).</p> <p>For more information on the ISO 639-1 standard, refer to http://www.loc.gov/standards/iso639-2/php/English_list.php.</p>
Provider Metadata Fields	
<provider>Paramount</provider>	<p>Provider <i>(required, Apple-supplied)</i></p> <p>This value should be the Apple-defined label given for partner identification. The value must match the provider name used in Transporter (the value that is after -s in the Transporter command). Note that it is the value you pass as an argument to Transporter, not the value in the XML, that determines the account you are delivering to. Contact your iTunes Technical Representative for this value.</p>
Video Metadata Fields	
<video>	<p>Video <i>(required)</i></p> <p>Begins the video element. Only one video element can be defined per film XML.</p>
<type>film</type>	<p>Video Type <i>(required)</i></p> <p>This value indicates how Apple should process this video. The only accepted value for video type is “film.”</p>

<pre><subtype>feature</subtype></pre>	<p>Video Subtype (<i>required; can be updated</i>)</p> <p>This value indicates how Apple should represent this video in the iTunes Store. The accepted values are</p> <ul style="list-style-type: none"> ■ feature: This is to identify full-length films. ■ short: This is to identify short films.
<pre><vendor_id>09736156444</vendor_id></pre>	<p>Vendor Identifier (<i>required, 1-100 bytes, see restrictions</i>)</p> <p>The permanent value that uniquely identifies this film separately from any other film given by the provider. This ID is used for tracking your assets and sales reporting.</p> <p>Restrictions: The first character of the vendor ID must be alphanumeric. Vendor IDs can be numeric and do not need to be a fixed number of digits. Although vendor IDs can contain digits, they are treated as strings, not numbers. Thus, a vendor ID of '0000000012345' is not the same as '12345'. Vendor IDs must be at least six ASCII characters in length but have a limit of 100 ASCII characters.</p> <p>Important: The vendor identifier can only contain alphanumeric characters and underscore marks; it cannot contain spaces, dashes, ampersands, other punctuation, or symbols. The vendor identifier is case-sensitive and must not start with an underscore.</p>
<pre><isdn>0000-0000-03B6-0000-0-0000-0000-2</isdn></pre>	<p>ISAN Identifier (<i>optional, 1-50 bytes</i>)</p> <p>The International Standard Audiovisual Number (ISAN) for this film. ISAN is an emerging industry standard used to uniquely identify audiovisual works.</p> <p>For more information on ISAN, see http://www.isan.org/.</p> <p>ISAN values should contain dashes as defined by the ISAN specification. The optional version subcomponent is ignored.</p>
<pre><upc>09736156444</upc></pre>	<p>UPC (<i>optional</i>)</p> <p>The Universal Product Code (UPC) for this film if the film is sold as physical media in stores.</p>

<amg_video_id>V 131221</amg_video_id>	<p>All Movie Guide Video ID (<i>optional</i>)</p> <p>The AMG-assigned AMG Video ID unique identifier for a work (film), per the AMG Database Dictionary for Movies. This value can also be obtained from an AMG Movie Overview page in the “AMG Video ID” value.</p> <p>For more information, consult the All Movie Guide at http://allmovie.com/.</p> <p>Important: It is strongly recommended to provide this value.</p>
<country>US</country>	<p>Country of Origin (<i>required, ISO-3166-1 country code</i>)</p> <p>The ISO 3166-1 alpha 2 code of the country where the film was primarily produced.</p> <p>For a list of ISO 3166-1 alpha 2 codes, see http://www.iso.org/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html.</p> <p>For more information on ISO codes, see http://www.davros.org/misc/iso3166.html.</p>
<title>Forrest Gump</title>	<p>Title (<i>required, 1-255 bytes</i>)</p> <p>The name of this film.</p>

<p><synopsis>&quot;Stupid is as stupid does,&quot; says Forrest Gump (played by Tom Hanks in an Oscar-winning performance) as he discusses his relative level of intelligence with a stranger while waiting for a bus. Despite his sub-normal IQ, Gump leads a truly charmed life, with a ringside seat for many of the most memorable events of the second half of the 20th century. Entirely without trying, Forrest teaches Elvis Presley to dance, becomes a football star, meets John F. Kennedy, serves with honor in Vietnam, meets Lyndon Johnson, speaks at an anti-war rally at the Washington Monument, hangs out with the Yippies, defeats the Chinese national team in table tennis, meets Richard Nixon, discovers the break-in at the Watergate, opens a profitable shrimping business, becomes an original investor in Apple Computers, and decides to run back and forth across the country for several years. Meanwhile, as the remarkable parade of his life goes by, Forrest never forgets Jenny (Robin Wright Penn), the girl he loved as a boy, who makes her own journey through the turbulence of the 1960s and 1970s that is far more troubled than the path Forrest happens upon. Featured alongside Tom Hanks are Sally Field as Forrest's mother; Gary Sinise as his commanding officer in Vietnam; Mykelti Williamson as his ill-fated Army buddy who is familiar with every recipe that involves shrimp; and the special effects artists whose digital magic place Forrest amidst a remarkable array of historical events and people.</synopsis></p>	<p>Synopsis <i>(required; 1-4000 bytes)</i></p> <p>A general summary of the film's content and story line.</p> <p>Important: Character counts are in bytes for standard 8-bit characters (i.e., Roman alphabet). Fewer double-wide characters (e.g., Japanese symbols) are allowed.</p>
<p><production_company>Paramount Pictures</production_company></p>	<p>Production Company <i>(required, 1-255 bytes)</i></p> <p>The customer-presentable name of the production company that created this film. Only one production company can be specified.</p>

<pre><copyright_cline>1994 Paramount Pictures</copyright_cline></pre>	<p>Copyright © Line (<i>optional, 1-1,000 bytes; can be updated</i>)</p> <p>A specific copyright for this video. The format required is year followed by owner. The appropriate © symbol will automatically be added and should not be included in the data.</p> <p>If omitted, a default calculated copyright will be used based on the film's theatrical release date and your customer-presentable provider name.</p>
<pre><theatrical_release_date>2007-05-04 </theatrical_release_date></pre>	<p>Theatrical Release Date (<i>optional; can be updated</i>)</p> <p>This is the date the film was first released in theaters.</p> <p>The date must be in the format YYYY-MM-DD where YYYY is the 4-digit year, MM is the 2-digit month, and DD is the two-digit day.</p> <p>This field does not impact date of release or "street date" for the iTunes Store.</p> <p>Important: If you do not know the exact theatrical release date, you can specify just the year in YYYY-01-01 format. iTunes displays the date as YYYY.</p>
<pre><genres></pre>	<p>Genres (<i>optional</i>)</p> <p>Films must specify at least one genre.</p>
<pre><genre>Comedy</genre> <genre>Drama</genre> </genres></pre>	<p>Genre (<i>required, multiple allowed</i>)</p> <p>The genre element must be selected from the set of allowed genres that are defined in "Table 2: Film Genres" (page 123).</p>
<pre><ratings></pre>	<p>Ratings (<i>optional; can be updated</i>)</p> <p>You can specify one or more ratings for your film content. For complete details, see the "Rating Systems & Genres" (page 121) section of this document.</p>
<pre><rating system="mpaa" reason="Rated PG-13 for drug content, some sensuality and war violence.">PG-13</rating></pre>	<p>Rating (<i>required if content is rated; can be updated</i>)</p> <p>A valid rating from an accepted ratings system. More than one rating can be specified, but only one rating per ratings system is allowed.</p> <p>A complete listing of valid systems and values is located in "Table 1: Film Metadata Rating Systems Values" (page 121).</p>
<pre></ratings></pre>	

<cast>	<p>Cast (<i>required</i>)</p> <p>Film content must specify any cast who performed work in the production. iTunes can choose to display and cross-reference cast and crew for customer browsing.</p>
<pre><actor name="Hanks, Tom" display="Tom Hanks" amg_artist_id="P 93341" billing="top">Forrest Gump</actor></pre>	<p>Actor (<i>required, multiple allowed</i>)</p> <p>A cast member in this film. List cast actors within the cast element in the order in which you want them to appear in the iTunes Store. Be sure to designate actors who require top billing. The character name portrayed by the actor should be specified.</p> <p>name (<i>required, text, 1-250 bytes</i>)</p> <p>The name of the actor for alphabetical sorting and unique identification where last name comes first, followed by a comma, the first name, and middle initials or name.</p> <p>display (<i>required, text, 1-250 bytes</i>)</p> <p>The actor's name presented as it would be naturally displayed when casually referring to an actor's real name.</p> <p>amg_artist_id (<i>optional</i>)</p> <p>The All Movie Guide person ID assigned to this actor.</p> <p>billing (<i>optional</i>)</p> <p>If an actor requires top billing for this film, the attribute billing must have the value "top," otherwise you can omit this attribute.</p> <p>Accepted values:</p> <ul style="list-style-type: none"> ■ top: Actor must appear in iTunes Store top billing positions. ■ ordered (<i>default</i>): Actor appears with all other actors listed, in order. <p>The text of the actor element should contain the character name portrayed.</p> <p>Important: If an optional attribute is blank and has no value, you must remove the attribute.</p>
</cast>	
<crew>	<p>Crew (<i>required</i>)</p> <p>Film content must specify any crew who performed work in the production. iTunes can choose to display and cross-reference cast and crew for customer browsing.</p>

<pre><member name="Zemeckis, Robert" display="Robert Zemeckis" amg_artist_id="P117906" billing="top">Director</member></pre>	<p>Crew Member (<i>required, multiple allowed</i>)</p> <p>A crew member in this film. List crew members within the cast element in the order in which you want them to appear in the iTunes Store. Be sure to designate crew who require top billing. The role performed by the crew member should be specified.</p> <p>name (<i>required, text, 1-250 bytes</i>) The name of the crew member for alphabetical sorting and unique identification where last name comes first, followed by a comma, the first name, and middle initials or name.</p> <p>display (<i>required, text, 1-250 bytes</i>) The actor's name presented as it would be naturally displayed when casually referring to his or her real name.</p> <p>amg_artist_id (<i>optional</i>) The All Movie Guide person ID assigned to this actor.</p> <p>billing (<i>optional</i>) If a crew member requires top billing for this film, the attribute billing must have the value "top," otherwise you can omit this attribute. Accepted values:</p> <ul style="list-style-type: none"> ■ top: Person must appear in iTunes Store top billing positions. ■ ordered (<i>default</i>): Person appears with all other crew members listed, in order. <p>The text of the member element should contain the role performed by this person. Currently, only the following roles are displayed in the iTunes Store (the role names must be in English in order to be imported into the Store, but the names will be localized if needed when displayed in the Store):</p> <ul style="list-style-type: none"> ■ Director ■ Producer ■ Screenwriter <p>If a crew member has more than one role, specify each role in a separate <code><member></code> tag and place each role in the metadata in the order it should appear in the credits. Do not combine a crew member's roles in one <code><member></code> tag, for example, do <i>not</i> use Producer/Screenwriter.</p> <p>Important: If an optional attribute is blank and has no value, you must remove the attribute.</p>
<pre></crew></pre>	

<chapters>	<p>Chaptering (<i>required</i>)</p> <p>Defines chapters within a video.</p>
<pre><timecode_format>24/1:1/nonDrop </timecode_format></pre>	<p>Timecode format (<i>optional, but recommended</i>)</p> <p>Defines the timecodes used for the chapters.</p> <p>The format can be <code>qt_text</code> or one of the SMPTE formats listed below. If you omit the <code><timecode_format></code> tag, the format defaults to <code>qt_text</code>.</p> <p><code>qt_text</code> is what QuickTime refers to as “Standard” format: hours, minutes, and seconds without any frames; this is not frame-accurate. If you require frame-accurate chapter points, then use a SMPTE timecode format.</p> <p>The SMPTE timecode is expressed as: <code>framerate/framerate multiplier/mode</code></p> <p>Below are the supported options:</p> <ul style="list-style-type: none"> 24fps film: 24/1:1/nonDrop NTSC video: 30/1000: 1001/dropNTSC ATSC 24p: 24/1000: 1001/dropNTSC PAL: 25/1:1/nonDrop <p>Important: The frame modes (for example, <code>nonDrop</code> and <code>dropNTSC</code>) are case-sensitive.</p> <p>For more information on timecode formats, see “Timecode Formats” (page 127).</p>
<chapter>	<p>Chapter (<i>optional</i>)</p> <p>Defines the first chapter within the <code><chapters></code> tag.</p> <p>There is no limit to the number of chapters you can define.</p>
<pre><start_time>00: 00:00: 00</start_time></pre>	<p>Chapter Start Time (<i>required if using chapters</i>)</p> <p>Specifies the start of each chapter as dictated by the <code><timecode_format></code> above. End time is inferred from the start time of the next defined chapter. Refer to “Timecode Formats” (page 127) for timecode examples.</p> <p>The first chapter must start at <code>00:00:00:00</code> and the chapters must be listed in chronological order.</p>

<pre><title locale="en-US">Forrest's Story Begins</title></pre>	<p>Chapter Title <i>(required if using chapters; 1-255 bytes; can be updated)</i></p> <p>The title of the chapter. There is a 255-byte limit strictly enforced for chapter titles. This is 255 7-bit characters (Roman alphabet) and as few as 71 characters if Unicode (e.g., Japanese) characters are used.</p> <p>Use the <code>locale</code> attribute to specify both the language and the specific location where the language is spoken.</p> <p>To specify a locale, use a dash character to combine a language designator with a region designator. For example, the locale for English-language speakers in Great Britain is <code>en-GB</code>, while the locale for English-speaking residents of the United States is <code>en-US</code>.</p> <p>iTunes follows the RFC4646 standard. See “Language Codes” (page 125) for a list of common codes. For more details on languages, see http://tools.ietf.org/html/rfc4646</p> <p>For a list of ISO 3166 alpha-2 codes, see http://www.iso.org/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html</p> <p>Note: It is recommended that the chapters provided match what is on the DVD. In addition, include a chapter for film credits as the last chapter.</p>
<pre><artwork_file> <file_name>chapter01.jpg</file_name> <checksum type="md5"> ed93d0f3224a353a4cc8d4175d645130</checksum> <size>6591649</size> </artwork_file></pre>	<p>Artwork <i>(required; can be updated)</i></p> <p>The filename of the image to be used to represent this chapter. Do not include a path. The artwork is required and you must provide the <code><file_name></code>, <code><size></code>, and <code><checksum></code>. Each chapter must have an associated image, and each image must have a unique filename.</p> <p>Include the artwork files in the package directory along with the basic metadata file. Chapter images must be cropped (no letterbox, pillarbox, or windowbox).</p>
<pre></chapter> </chapters></pre>	
<p>Asset Metadata Fields</p>	

<pre><assets></pre>	<p>Assets (<i>required, multiple from a set; can be updated</i>)</p> <p>Begins the assets block that references the assets being delivered.</p> <p>New files update by overwriting the previous files. A data file not referenced in the asset block on a redelivery will be removed from iTunes. Assets of type "artwork" (<code><asset type="artwork"></code>) cannot be updated through redelivery.</p>
<pre><asset type="full"></pre>	<p>Asset (<i>required, multiple from a set</i>)</p> <p>Describes the type of asset being delivered. You can specify <code>type="full"</code> to indicate that the asset is the feature asset or <code>type="preview"</code> to indicate that the asset is the preview file. See the <i>Asset Specification Guide</i> for more details.</p>
<pre><data_file role="source"></pre>	<p>Data File (<i>required</i>)</p> <p>A data file element block must be included if the video source material is delivered electronically. A data file element specifies the electronically delivered media file describing the role of the associated file. Since the file sent is used as the source file for the iTunes Store encode, the role is "source."</p> <p>In this block, the <code><file_name></code>, <code><size></code>, and <code><checksum></code> elements are required.</p>
<pre><locale name="en-US"/></pre>	<p>Locale Name (<i>required for full source, preview source, and audio</i>)</p> <p>Identifies the language that is spoken in the audio on the source asset. The locale indicates both the language and the specific location where the language is spoken.</p> <p>To specify a locale, use a dash character to combine a language designator with a region designator. For example, the locale for English-language speakers in Great Britain is <code>en-GB</code>, while the locale for English-speaking residents of the United States is <code>en-US</code>.</p> <p>iTunes follows the RFC4646 standard. See "Language Codes" (page 125) for a list of common codes. For more details on languages, see http://tools.ietf.org/html/rfc4646</p> <p>For a list of ISO 3166 alpha-2 codes, see http://www.iso.org/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html.</p>

<pre><file_name>09736156444-source.mov </file_name></pre>	<p>File Name <i>(required)</i></p> <p>The name of the data file included in this electronic delivery package. The name should be relative to the package (containing no path reference “C:\” or “/Macintosh HD/”) and must contain the file name extension (“mov” in this example).</p> <p>Important: File names are case-sensitive and spaces are not allowed.</p>
<pre><size>2595225600</size></pre>	<p>File Size <i>(required)</i></p> <p>The size in bytes of the data file. Do not specify any commas nor period delimiters.</p>
<pre><checksum type="md5"> 2a793a8b46037fe48a29dd739b49911a</checksum></pre>	<p>Checksum <i>(required)</i></p> <p>The MD5 checksum of the data file. See the “Checksums” (page 10) section for more information.</p>
<pre><attribute name="crop.top">80</attribute></pre>	<p>Metadata-Based Cropping <i>(required if source file is letterbox, pillarbox, or windowbox)</i></p> <p>The crop rectangle for the full or preview video’s QuickTime source file. The <code>name</code> attribute specifies the side of the image to be cropped.</p> <p>Accepted values are:</p> <ul style="list-style-type: none"> ■ <code>crop.left</code>: The number of whole pixels from the left of the encoded image to remove. ■ <code>crop.top</code>: The number of whole pixels from the top of the encoded image to remove. ■ <code>crop.right</code>: The number of whole pixels from the right of the encoded image to remove. ■ <code>crop.bottom</code>: The number of whole pixels from the bottom of the encoded image to remove. <p>The values must be integers that represent the number of whole pixels of the encoded image. If you do not include crop values, the source will be auto-cropped and may produce unexpected results. To disable cropping entirely, set all attributes to '0' (zero). To disable cropping in one dimension, set the matching “crop.*” attribute to '0' (zero).</p>
<pre></data_file> </asset></pre>	

<pre><asset type="preview"> <territories> <territory>WW</territory> </territories></pre>	<p>Preview Asset Territory <i>(optional)</i></p> <p>The territories in which the supplied preview file can be distributed. This is a territory and not language-specific asset. Must be a valid ISO 3166 alpha-2 country code or WW. Note that some countries in the ISO 3166 alpha-2 country list contain other countries (for example, United States includes Puerto Rico).</p> <p>Note: We recommend that a default preview asset be sent by indicating WW as the territory, in addition to any territory-specific previews that are to be delivered. Using WW ensures that all territories will have a preview. If you do not specify WW as a territory, any country that is not covered by a territory tag will not have a preview trailer. If you do not specify any territory, it defaults to WW.</p> <p>For a list for ISO 3166-1 alpha 2 codes, see http://www.iso.org/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html</p> <p>For more information on ISO codes, see http://www.davros.org/misc/iso3166.html</p>
<pre><data_file role="source"> <locale name="en-US"/> <file_name>09736156444-US-preview.mov </file_name> <size>9987212</size> <checksum type="md5"> 739b43b793a8b46037fe8aa29dd9911e</checksum> <attribute name="crop.top">80 </attribute> <attribute name="crop.bottom">80 </attribute> <attribute name="crop.left">50 </attribute> <attribute name="crop.right">50 </attribute> </data_file></pre>	<p>Preview Asset Source <i>(required)</i></p> <p>One preview file can be provided for each territory.</p> <p>See the annotations above on the Full Asset for tag specifics.</p>
<pre><asset type="artwork"></pre>	<p>Poster Image <i>(required)</i></p> <p>A poster image is required, as is the <file_name>, <size>, and <checksum> for the provided file. See the <i>Asset Specification Guide</i> for complete file requirements.</p>

<pre><territories> <territory>WW</territory> </territories></pre>	<p>Poster Image Territory (<i>optional</i>)</p> <p>The territories in which the supplied artwork file can be displayed. This is a territory-specific asset. Must be a valid ISO 3166 alpha-2 country code or WW. Note that some countries in the ISO 3166 alpha-2 country list contain other countries (for example, United States includes Puerto Rico).</p> <p>Note: We recommend that a default poster image asset be sent by indicating WW as the territory, in addition to any territory-specific poster images that are to be delivered. Using WW ensures that all territories will have a poster image. If you do not specify WW as a territory, any country that is not covered by a territory tag will not have a poster image. If you do not specify any territory, it defaults to WW.</p> <p>For a list for ISO 3166-1 alpha 2 codes, see http://www.iso.org/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html</p> <p>For more information on ISO codes, see http://www.davros.org/misc/iso3166.html</p>
<pre><data_file></pre>	
<pre><file_name>09736156444.jpg</file_name></pre>	<p>File Name (<i>required</i>)</p> <p>The name of the poster image file included in this electronic delivery package. The name should be relative to the package (containing no path reference "C:\\" or "/Macintosh HD/") and must contain the file name extension ("jpg" in this example).</p> <p>Important: File names are case-sensitive and spaces are not allowed.</p>
<pre><size>6591649</size></pre>	<p>File Size (<i>required</i>)</p> <p>The size in bytes of the poster image file. Do not specify any commas nor period delimiters.</p>
<pre><checksum type="md5"> ddfe4b8ab433e43e7dde429df86cabb2</checksum></pre>	<p>Checksum (<i>required</i>)</p> <p>The MD5 checksum of the poster file. See the "Checksums" (page 10) section for more information.</p>
<pre> </data_file> </asset> </assets></pre>	
<p>Film Products Metadata Fields</p>	

<products>	<p>Products (<i>required; can be updated</i>)</p> <p>Begins the products block that references each product being delivered by territory.</p> <p>For metadata updates, territory clearances can be added or modified.</p>
<product>	<p>Product (<i>required</i>)</p> <p>For each territory in which the film is to be sold for Electronic sell-through (EST) or rented, Video on Demand (VOD), a product must be defined.</p>
<territory>US</territory>	<p>Territory (<i>required</i>)</p> <p>The territory in which this video product is cleared for sale or VOD. Must be a valid ISO 3166 alpha-2 country code. Note that some countries in the ISO 3166 alpha-2 country list contain other countries (for example, United States includes Puerto Rico).</p> <p>Note: Using WW as a territory in the <product> block is not accepted. Because price tiers are different in each territory, we cannot accept WW pricing. You must send each territory that is cleared for sale in its own <product> block.</p> <p>For a list of ISO 3166-1-alpha-2 codes, see http://www.iso.org/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html.</p> <p>For more information on ISO codes, see http://www.davros.org/misc/iso3166.html.</p>
<cleared_for_sale>true</cleared_for_sale>	<p>Cleared For Sale (<i>required</i>)</p> <p>Specifies whether or not this video can be sold for EST sale in the product's territory. Accepted values are "true" and "false."</p> <p>Important: For a video to be available only for rent in the iTunes Store, this element must be set to "false."</p>
<cleared_for_hd_sale>true</cleared_for_hd_sale>	<p>Cleared for HD Sale (<i>optional</i>)</p> <p>Specifies whether or not the video is cleared for HD EST sale in the product's territory. Accepted values are "true" and "false." This defaults to "true," however as a best practice we strongly recommend that you explicitly send this tag to indicate "true" or "false."</p> <p>Note: Sale of HD EST is dependent on contracts. If you are unsure if you have a contract in place for sale of HD EST, contact your iTunes Technical Representative.</p>

<pre><wholesale_price_tier>3 </wholesale_price_tier></pre>	<p>Wholesale Price Tier (<i>required for EST; otherwise optional</i>)</p> <p>The wholesale price tier for the film. Must be a wholesale price tier number as specified in the contract with Apple.</p>
<pre><preorder_sales_start_date>2006-02-10 </preorder_sales_start_date></pre>	<p>Pre-Order Sales Start Date (<i>optional</i>)</p> <p>Indicates the date when pre-orders are available in the film's product territories.</p> <p>The pre-order ends (and fulfills) on the regular sales start date of the product. If included, the pre-order date must be before the sales start date.</p> <p>If a pre-order sales start date is not specified for a given territory, the pre-order will not be available in that territory. This element implicitly enables pre-ordering on a per-territory/product basis.</p>
<pre><sales_start_date>2006-03-12 </sales_start_date></pre>	<p>Sales Start Date (<i>optional</i>)</p> <p>The date this film is available for EST sale to customers in the specified iTunes Store territory only. This is also known as the "street date" of the video. This field must be in YYYY-MM-DD format.</p> <p>In this example, the start date of 2006-03-12 results with the film being available for sale at midnight March 12, 2006.</p> <p>Important: If a sales start date is not provided, the package will successfully upload but will immediately become available on the iTunes Store.</p>
<pre><sales_end_date></sales_end_date></pre>	<p>Sales End Date (<i>optional</i>)</p> <p>This field should not be included in most cases. It is not used to indicate your contract end date; if your contract expires, your content will come down from the store automatically, regardless of whether this field is set or not.</p> <p>Use this field only if this content will be available for a limited window of time. If used, the date must be in YYYY-MM-DD format.</p>

<pre><cleared_for_vod>true</cleared_for_vod></pre>	<p>Cleared for Video on Demand Sale (<i>required for VOD; otherwise optional</i>)</p> <p>Specifies whether or not the video is cleared for rent, VOD sale, in the product's territory. Accepted values are "true" and "false."</p> <p>Important: If this element is not specified, or is set to false, this video will not be available for rent in the iTunes Store.</p>
<pre><vod_type>New Release</vod_type></pre>	<p>Video on Demand Type (<i>required for VOD; otherwise optional</i>)</p> <p>Specifies whether the film is a new release or a library title.</p> <p>Accepted values are as follows:</p> <ul style="list-style-type: none"> ■ New Release. A new release title is a feature-length film that appeared in theaters. ■ Library. A library title is a feature-length film that is not a new release. <p>Important: Provide this value as specified by your contract. This element is required if cleared_for_vod is "true."</p>
<pre><available_for_vod_date>2007-11-12</available_for_vod_date></pre>	<p>Available for Video on Demand Date (<i>optional</i>)</p> <p>The date this film is available for video on demand purchase in the specified iTunes Store territory only. This field must be in YYYY-MM-DD format.</p> <p>Important: This element is required for new releases (<vod_type>New Release</vod_type>).</p>
<pre><unavailable_for_vod_date>2008-11-12</unavailable_for_vod_date></pre>	<p>Unavailable for Video on Demand Date (<i>optional</i>)</p> <p>The date the film is no longer available for VOD sale in the specified iTunes Store territory only. This field must be in YYYY-MM-DD format.</p> <p>Important: Do not use your iTunes contract end date as the VOD end date. Enter the date when you are no longer able to offer this film.</p>
<pre><physical_release_date>2007-08-01</physical_release_date></pre>	<p>Physical Release Date (<i>optional</i>)</p> <p>The release date of the first physical product (i.e. VHS, Beta, laserdisc, and DVD). This field must be in YYYY-MM-DD format.</p> <p>Important: This element is required for new releases (<vod_type>New Release</vod_type>).</p>

<pre><cleared_for_hd_vod>true </cleared_for_hd_vod></pre>	<p>Cleared For HD Video on Demand (<i>optional; can be updated</i>)</p> <p>Specifies whether or not this video is cleared for VOD in HD in the product's territory. Accepted values are "true" and "false."</p>
<pre></product> </products> </video> </package></pre>	

Film Metadata-Only New Delivery

Metadata-only delivery is delivery of metadata with product information, but without inclusion of the video assets. Do not include any asset files with metadata-only deliveries and omit all `<assets>` metadata in the metadata.xml file.

This example shows how to deliver only the metadata for new content (content that does not already exist on iTunes). For complete details on updatable information, see ["Metadata and Asset Updates"](#) (page 13).

Film Metadata-Only New Delivery Package

Metadata-only deliveries need to be in an iTunes package, consisting only of the metadata.xml file. For example, a package for film with a Vendor Identifier 09736156444 would be delivered in a package directory titled "09736156444.itmsp" with only metadata.xml enclosed.

You can also deliver chapter images in the same package if you include the `<chapters>` block and if you include the chapter image files (all chapter images should be included). In the following example, the package would include the metadata.xml file, chapter01.jpg, and chapter02.jpg.

Film Metadata-Only New Delivery Example

Below is an example metadata.xml file for a new metadata-only delivery of the feature film *Forrest Gump*.

```
<?xml version="1.0" encoding="UTF-8"?>
<package xmlns="http://apple.com/itunes/importer" version="film4.3">
  <provider>Paramount</provider>
  <language>en-US</language>
  <video>
    <type>film</type>
    <subtype>feature</subtype>
    <production_company>Paramount Pictures</production_company>
    <vendor_id>09736156444</vendor_id>
    <isan>0000-0000-03B6-0000-0-0000-0000-2</isan>
    <upc>09736156444</upc>
    <amg_video_id>V 131221</amg_video_id>
    <copyright_cline>1994 Paramount Pictures</copyright_cline>
```

```

<theatrical_release_date>2007-05-04</theatrical_release_date>
<title>Forrest Gump</title>
<synopsis>&quot;Stupid is as stupid does.&quot; says Forrest Gump (played by
Tom Hanks in an Oscar-winning performance) as he discusses his relative level of
intelligence with a stranger while waiting for a bus. Despite his sub-normal IQ, Gump
leads a truly charmed life, with a ringside seat for many of the most memorable events
of the second half of the 20th century. Entirely without trying, Forrest teaches Elvis
Presley to dance, becomes a football star, meets John F. Kennedy, serves with honor in
Vietnam, meets Lyndon Johnson, speaks at an anti-war rally at the Washington Monument,
hangs out with the Yippies, defeats the Chinese national team in table tennis, meets
Richard Nixon, discovers the break-in at the Watergate, opens a profitable shrimping
business, becomes an original investor in Apple Computers, and decides to run back and
forth across the country for several years. Meanwhile, as the remarkable parade of his
life goes by, Forrest never forgets Jenny (Robin Wright Penn), the girl he loved as a
boy, who makes her own journey through the turbulence of the 1960s and 1970s that is
far more troubled than the path Forrest happens upon. Featured alongside Tom Hanks are
Sally Field as Forrest's mother; Gary Sinise as his commanding officer in Vietnam;
Mykelti Williamson as his ill-fated Army buddy who is familiar with every recipe that
involves shrimp; and the special effects artists whose digital magic place Forrest amidst
a remarkable array of historical events and people.</synopsis>
<country>US</country>
<genres>
  <genre>Comedy</genre>
  <genre>Drama</genre>
</genres>
<ratings>
  <rating system="mpaa" reason="Rated PG-13 for drug content, some sensuality
and war violence.">PG-13</rating>
</ratings>
<cast>
  <actor name="Hanks, Tom" display="Tom Hanks" amg_artist_id="P 93341"
billing="top">Forrest Gump</actor>
  <actor name="Penn, Robin Wright" display="Robin Wright Penn" amg_artist_id="P
77633" billing="top">Jenny Curran</actor>
  <actor name="Sinise, Gary" display="Gary Sinise" amg_artist_id="P111667"
billing="top">Lt. Dan Taylor</actor>
  <actor name="Williamson, Mykelti" display="Mykelti Williamson"
amg_artist_id="P 76595" billing="top">Bubba Blue</actor>
  <actor name="Field, Sally" display="Sally Field" amg_artist_id="P 89714"
billing="top">Mrs. Gump</actor>
  <actor name="Humphreys, Michael Conner" display="Michael Conner
Humphreys">Young Forrest</actor>
  <actor name="Hall, Hanna R." display="Hanna R. Hall">Young Jenny
Curran</actor>
</cast>
<crew>
  <member name="Zemeckis, Robert" display="Robert Zemeckis"
amg_artist_id="P117906" billing="top">Director</member>
  <member name="Starkey, Steve" display="Steve Starkey" amg_artist_id="P112522"
billing="top">Producer</member>
  <member name="Starkey, Steve" display="Steve Starkey" amg_artist_id="P112522"
billing="top">First Assistant Director</member>
</crew>
<chapters>
  <timecode_format>24/1:1/nonDrop</timecode_format>
  <chapter>
    <start_time>00:00:00:00</start_time>
    <title locale="en-US">Forrest's Story Begins</title>
  </chapter>
</chapters>

```

```

    <artwork_file>
      <file_name>chapter01.jpg</file_name>
      <checksum type="md5">ed93d0f3224a353a4cc8d4175d645130</checksum>
      <size>6591649</size>
    </artwork_file>
  </chapter>
  <chapter>
    <start_time>00:07:45:23</start_time>
    <title locale="en-US">Football at Alabama</title>
    <artwork_file>
      <file_name>chapter02.jpg</file_name>
      <checksum type="md5">86bed7ef05c34c1e85345f40d11137a9</checksum>
      <size>6591649</size>
    </artwork_file>
  </chapter>
<!-- Additional chapters here. -->
</chapters>
<products>
  <product>
    <territory>US</territory>
    <cleared_for_sale>true</cleared_for_sale>
    <cleared_for_hd_sale>true</cleared_for_hd_sale>
    <wholesale_price_tier>3</wholesale_price_tier>
    <preorder_sales_start_date>2006-02-10</preorder_sales_start_date>
    <sales_start_date>2006-03-12</sales_start_date>
    <cleared_for_vod>true</cleared_for_vod>
    <vod_type>New Release</vod_type>
    <available_for_vod_date>2007-11-12</available_for_vod_date>
    <unavailable_for_vod_date>2008-11-12</unavailable_for_vod_date>
    <physical_release_date>2007-08-01</physical_release_date>
    <cleared_for_hd_vod>false</cleared_for_hd_vod>
  </product>
</products>
</video>
</package>

```

Film Asset-Only New Delivery

Video, audio, and artwork assets can be delivered independently of metadata. Assets cannot be delivered unless the metadata has already been sent and imported. If the assets are sent without previous metadata delivery, the asset delivery will fail.

Important: In order to deliver assets separately from the film's metadata, the correct vendor ID that references the already delivered metadata must be supplied in the metadata.xml file.

For any questions regarding asset-only delivery, please contact your iTunes Technical Representative.

Film Asset-Only New Delivery Package

Asset-only deliveries still need to be in an iTunes package, but only consist of a short metadata file, the video assets, and the artwork. For example, a package for a film with a Vendor Identifier 09736156444 would be delivered in a package directory titled "09736156444.itmsp" and might look like this:

- metadata.xml
- 09736156444-source.mov
- 09736156444-US-preview.mov
- 09736156444.jpg
- 09736156444-english.scc

Film Asset-Only New Delivery Example

```
<?xml version="1.0" encoding="UTF-8"?>
<package xmlns="http://apple.com/itunes/importer" version="film4.3">
  <provider>Paramount</provider>
  <assets media_type="video" vendor_id="09736156444">
    <asset type="full">
      <data_file role="source">
        <locale name="en-US"/>
        <file_name>09736156444-source.mov</file_name>
        <size>2595225600</size>
        <checksum type="md5">2a793a8b46037fe8aa29dd739b49911a</checksum>
        <attribute name="crop.top">80</attribute>
        <attribute name="crop.bottom">80</attribute>
        <attribute name="crop.left">50</attribute>
        <attribute name="crop.right">50</attribute>
      </data_file>
      <data_file role="captions">
        <file_name>09736156444-english.scc</file_name>
        <size>9511</size>
        <checksum type="md5">5a793a8b46037fe8aa2bdd739b49911a</checksum>
      </data_file>
    </asset>
    <asset type="preview">
      <territories>
        <territory>WW</territory>
      </territories>
      <data_file role="source">
        <locale name="en-US"/>
        <file_name>09736156444-US-preview.mov</file_name>
        <size>9987212</size>
        <checksum type="md5">739b43b793a8b46037fe8aa29dd9911e</checksum>
        <attribute name="crop.top">80</attribute>
        <attribute name="crop.bottom">80</attribute>
        <attribute name="crop.left">50</attribute>
        <attribute name="crop.right">50</attribute>
      </data_file>
    </asset>
    <asset type="artwork">
      <territories>
```

```

    <territory>WW</territory>
  </territories>
  <data_file>
    <file_name>09736156444_US.jpg</file_name>
    <size>6591649</size>
    <checksum type="md5">43e7dddfe4b8ab433ede429df86cabb2</checksum>
  </data_file>
</asset>
</assets>
</package>

```

Film Metadata-Only Update

If product offerings change at any point, an update can be sent through the feed. The newly sent package is compared against the current offering and changes are automatically applied. An update can be XML-only (as in the examples below), or can be a redelivery of the entire package; however, all delivered metadata XML must always be correct and complete. If it is not, the update will not be processed correctly.

Metadata-only updates do not need to include any asset files. If asset files are not provided, then the files should not be mentioned in the provided metadata, otherwise the update will be refused. If asset files are included and properly referenced in the metadata, then the corresponding checksums will be compared to the checksums of the assets currently on file at iTunes, and the assets will be added or replaced as necessary.

Assets can be removed through an asset-only update or metadata-plus-assets update. In this case, you would include the `<asset>` block to specify which asset should be removed. See [“Asset Removal Example”](#) (page 43).

For complete details on what can be updated, see [“Metadata and Asset Updates”](#) (page 13).

Film Metadata-Only Update Example

Below is an example metadata.xml update file for the Basic Film Metadata Example. In this example, the update will replace the Store’s currently displayed `<copyright_cline>` for US, add a UK rating, and a US sales start date. It also removes the clearance for HD sale. In the following example, only metadata changes are made (in bold), therefore all asset references have been removed. Asset files should not be included in the package delivered to iTunes.

You can also update chapter titles and images in the same package if you include the `<chapters>` block and if you include the chapter image files. You must include all chapters, not just the one you are updating. In the following example, the package would include the metadata.xml file, chapter01.jpg, and chapter02.jpg. If you include the `<chapters>` block, but do not include the image files in the package, the images will not be replaced.

```

<?xml version="1.0" encoding="UTF-8"?>
<package xmlns="http://apple.com/itunes/importer" version="film4.3">
  <provider>Paramount</provider>
  <language>en-US</language>
  <video>
    <type>film</type>
    <subtype>feature</subtype>
    <production_company>Paramount Pictures</production_company>

```

```

<vendor_id>09736156444</vendor_id>
<isan>0000-0000-03B6-0000-0-0000-0000-2</isan>
<upc>09736156444</upc>
<amg_video_id>V 131221</amg_video_id>
<copyright_cline>1995 Paramount Pictures</copyright_cline>
<theatrical_release_date>2007-05-04</theatrical_release_date>
<title>Forrest Gump</title>
<synopsis>&quot;Stupid is as stupid does.&quot; says Forrest Gump (played by
Tom Hanks in an Oscar-winning performance) as he discusses his relative level of
intelligence with a stranger while waiting for a bus. Despite his sub-normal IQ, Gump
leads a truly charmed life, with a ringside seat for many of the most memorable events
of the second half of the 20th century. Entirely without trying, Forrest teaches Elvis
Presley to dance, becomes a football star, meets John F. Kennedy, serves with honor in
Vietnam, meets Lyndon Johnson, speaks at an anti-war rally at the Washington Monument,
hangs out with the Yippies, defeats the Chinese national team in table tennis, meets
Richard Nixon, discovers the break-in at the Watergate, opens a profitable shrimping
business, becomes an original investor in Apple Computers, and decides to run back and
forth across the country for several years. Meanwhile, as the remarkable parade of his
life goes by, Forrest never forgets Jenny (Robin Wright Penn), the girl he loved as a
boy, who makes her own journey through the turbulence of the 1960s and 1970s that is
far more troubled than the path Forrest happens upon. Featured alongside Tom Hanks are
Sally Field as Forrest's mother; Gary Sinise as his commanding officer in Vietnam;
Mykelti Williamson as his ill-fated Army buddy who is familiar with every recipe that
involves shrimp; and the special effects artists whose digital magic place Forrest amidst
a remarkable array of historical events and people.</synopsis>
<country>US</country>
<genres>
  <genre>Comedy</genre>
  <genre>Drama</genre>
</genres>
<ratings>
  <rating system="mpaa" reason="Rated PG-13 for drug content, some sensuality
and war violence.">PG-13</rating>
  <rating system="bbfc">12A</rating>
</ratings>
<cast>
  <actor name="Hanks, Tom" display="Tom Hanks" amg_artist_id="P 93341"
billing="top">Forrest Gump</actor>
  <actor name="Penn, Robin Wright" display="Robin Wright Penn" amg_artist_id="P
77633" billing="top">Jenny Curran</actor>
  <actor name="Sinise, Gary" display="Gary Sinise" amg_artist_id="P111667"
billing="top">Lt. Dan Taylor</actor>
  <actor name="Williamson, Mykelti" display="Mykelti Williamson"
amg_artist_id="P 76595" billing="top">Bubba Blue</actor>
  <actor name="Field, Sally" display="Sally Field" amg_artist_id="P 89714"
billing="top">Mrs. Gump</actor>
  <actor name="Humphreys, Michael Conner" display="Michael Conner
Humphreys">Young Forrest</actor>
  <actor name="Hall, Hanna R." display="Hanna R. Hall">Young Jenny
Curran</actor>
</cast>
<crew>
  <member name="Zemeckis, Robert" display="Robert Zemeckis"
amg_artist_id="P117906" billing="top">Director</member>
  <member name="Starkey, Steve" display="Steve Starkey" amg_artist_id="P112522"
billing="top">Producer</member>
  <member name="Starkey, Steve" display="Steve Starkey" amg_artist_id="P112522"
billing="top">First Assistant Director</member>

```

```

</crew>
<chapters>
  <timecode_format>24/1:1/nonDrop</timecode_format>
  <chapter>
    <start_time>00:00:00:00</start_time>
    <title locale="en-US">Forrest's Story Begins</title>
    <artwork_file>
      <file_name>chapter01.jpg</file_name>
      <checksum type="md5">ed93d0f3224a353a4cc8d4175d645130</checksum>
      <size>6591649</size>
    </artwork_file>
  </chapter>
  <chapter>
    <start_time>00:07:45:23</start_time>
    <title locale="en-US">Football at Alabama</title>
    <artwork_file>
      <file_name>chapter02.jpg</file_name>
      <checksum type="md5">86bed7ef05c34c1e85345f40d11137a9</checksum>
      <size>6591649</size>
    </artwork_file>
  </chapter>
<!-- Additional chapters here. -->
</chapters>
<products>
  <product>
    <territory>US</territory>
    <cleared_for_sale>true</cleared_for_sale>
    <cleared_for_hd_sale>true</cleared_for_hd_sale>
    <wholesale_price_tier>3</wholesale_price_tier>
    <preorder_sales_start_date>2006-02-10</preorder_sales_start_date>
    <sales_start_date>2006-04-11</sales_start_date>
    <cleared_for_vod>true</cleared_for_vod>
    <vod_type>New Release</vod_type>
    <available_for_vod_date>2007-11-12</available_for_vod_date>
    <unavailable_for_vod_date>2008-11-12</unavailable_for_vod_date>
    <physical_release_date>2007-08-01</physical_release_date>
    <cleared_for_hd_vod>false</cleared_for_hd_vod>
  </product>
</products>
</video>
</package>

```

Film Asset-Only Update

Assets (i.e., video, audio, artwork, etc.) can be delivered independently of metadata for asset-only updates. This is especially helpful if these assets need to be replaced in the store due to encoding or other issues. Assets cannot be delivered unless the metadata has already been sent and imported. If the assets are sent without metadata to which it can be attached, delivery will fail.

Important: In order to deliver assets separately from the film's metadata, the correct vendor ID that references the already delivered metadata must be supplied in the metadata.xml file for asset-only updates.

Below are examples of asset-only updates to replace closed captions, a preview, and an alternate audio file.

For any questions regarding asset-only delivery, please contact your iTunes Technical Representative.

Film Asset-Only Update Package

An asset-only update or a metadata-plus-assets update still need to be in an iTunes package, but should only consist of a short metadata file along with the assets. All metadata must be correct and complete, and the `<assets>` block should be included referencing any assets to be added, replaced, or removed.

Closed Captions Asset-Only Update Example

Below is an example metadata.xml file to update closed captions for the Basic Film Metadata Example. Note that only the asset being replaced is referenced in the metadata. Only the metadata.xml and 09736156444-corrected-english.scc files should be included in the iTunes Package.

```
<?xml version="1.0" encoding="UTF-8"?>
<package xmlns="http://apple.com/itunes/importer" version="film4.3">
  <provider>Paramount</provider>
  <assets media_type="video" vendor_id="09736156444">
    <asset type="full">
      <data_file role="captions">
        <file_name>09736156444-corrected-english.scc</file_name>
        <size>9613</size>
        <checksum type="md5">3a80375a79fe8aa2bb49911add739b46</checksum>
      </data_file>
    </asset>
  </assets>
</package>
```

Preview Asset-Only Update Example

Below is an example metadata.xml file to update the preview trailer for Basic Film Metadata Example. Only the preview asset along with associated data files should be referenced in the metadata. Only the metadata.xml and 03615649744-US-preview.mov file should be included in the iTunes Package.

```
<?xml version="1.0" encoding="UTF-8"?>
<package xmlns="http://apple.com/itunes/importer" version="film4.3">
  <provider>Paramount</provider>
  <assets media_type="video" vendor_id="09736156444">
    <asset type="preview">
      <territories>
        <territory>WW</territory>
      </territories>
      <data_file role="source">
        <locale name="en-US"/>
        <file_name>03615649744-US-preview.mov</file_name>
        <size>9981365</size>
        <checksum type="md5">3a8b4608aa29dd9911e739b37fe43b79</checksum>
        <attribute name="crop.top">80</attribute>
        <attribute name="crop.bottom">80</attribute>
        <attribute name="crop.left">50</attribute>
        <attribute name="crop.right">50</attribute>
      </data_file>
    </asset>
  </assets>
</package>
```

```

        </data_file>
    </asset>
</assets>
</package>

```

Alternate Audio Asset-Only Update Example

Below is an example metadata.xml file to update the German alternate audio for Multiple-Language Film Metadata Example. Only the audio asset along with associated data files should be referenced in the metadata. Only the metadata.xml and audio_DE.mov file should be included in the iTunes Package.

```

<?xml version="1.0" encoding="UTF-8"?>
<package xmlns="http://apple.com/itunes/importer" version="film4.3">
  <provider>Paramount</provider>
  <assets media_type="video" vendor_id="09736156444">
    <asset type="full">
      <data_file role="audio">
        <locale name="en-US"/>
        <file_name>audio_DE.mov</file_name>
        <size>4916659</size>
        <checksum type="md5">9df86c3e43e7b43ddeabb2ddfe4b8a42</checksum>
      </data_file>
    </asset>
  </assets>
</package>

```

Asset Removal Examples

Below are examples of asset-only updates to remove an alternate audio asset and to change the <locale>. The correct vendor ID that references the already delivered metadata must be supplied in the metadata.xml file for asset removal updates

Remove Alternate Audio

This example shows how to remove the alternate German audio from the Multiple-Language Film Metadata Example. Only the audio asset along with associated data files is referenced in the XML. Only the metadata.xml need be included in the iTunes Package. The role, filename, checksum, and size provided will be compared to the asset currently on file at iTunes, and if the role, filename, checksum, and size match, the asset will be removed. Note that the asset could also be removed in a metadata-plus-asset update.

```

<?xml version="1.0" encoding="UTF-8"?>
<package xmlns="http://apple.com/itunes/importer" version="film4.3">
  <provider>Paramount</provider>
  <assets media_type="video" vendor_id="09736156444">
    <asset type="full">
      <data_file role="audio" remove="true">
        <locale name="en-US"/>
        <file_name>audio_DE.mov</file_name>
        <size>4916659</size>
        <checksum type="md5">9df86c3e43e7b43ddeabb2ddfe4b8a42</checksum>
      </data_file>
    </asset>
  </assets>
</package>

```

```

    </data_file>
  </asset>
</assets>
</package>

```

<pre><data_file role="audio" remove="true"></pre>	<p>Data File<i>(required)</i></p> <p>A data file element block must be included if the asset is to be removed. For the audio data file, set the attribute <code>remove</code> to "true."</p> <p>In this block, the <code>role</code>, <code>filename</code>, <code>size</code>, and <code>checksum</code> elements are required. Additionally, <code>locale</code> is required if sent previously.</p>
---	---

Change Locale

The following example shows how to change the `<locale>` on a source video. In this case, when the package was first delivered, the `<locale>` tag was incorrect. To correct the `<locale>`, the old source asset must be removed and redelivered with the correct `<locale>`. Only the source asset along with the associated data file need be referenced in the XML. The `role`, `filename`, `locale`, `checksum`, and `size` provided will be compared to the asset currently on file at iTunes, and if the `role`, `filename`, `locale`, `checksum`, and `size` match, the asset will be removed. To add the source with the correct `locale`, include another `<data_file>` block within the same `<asset>` block as shown in the example below. Both the `metadata.xml` and the redelivered source asset must be included in the iTunes Package.

Important: There should be only one `<asset>` block for the same upload of the same video with the same type and territories. For example, the only way to change the locale of a source is to remove the existing source and add the new source; the `<data_file>` elements used to remove the source (`remove="true"`) and the `<data_file>` elements used to add the source should go under the same `<asset type="full">` block.

```

<?xml version="1.0" encoding="UTF-8"?>
<package xmlns="http://apple.com/itunes/importer" version="film4.3">
  <provider>Paramount</provider>
  <assets media_type="video" vendor_id="09736156444">
    <asset type="full">
      <data_file role="source" remove="true">
        <locale name="en-US"/>
        <file_name>09736156444-source.mov</file_name>
        <size>4916659</size>
        <checksum type="md5">9df86c3eabb2ddfe43e7b43dde4b8a42</checksum>
      </data_file>
      <data_file role="source">
        <locale name="en-GB"/>
        <file_name>09736156444-source.mov</file_name>
        <size>4916659</size>
        <checksum type="md5">9df86c3eabb2ddfe43e7b43dde4b8a42</checksum>
      </data_file>
    </asset>
  </assets>
</package>

```

<pre><data_file role="source" remove="true"></pre>	<p>Data File<i>(required)</i></p> <p>To change the locale, remove the asset with the incorrect locale. Include a data file element block for the asset to be removed. For the source data file, set the attribute <code>remove</code> to "true."</p> <p>Include another data file element block to re-deliver the asset with the correct locale.</p> <p>In both blocks, the <code>locale</code>, <code>role</code>, <code>filename</code>, <code>size</code>, and <code>checksum</code> elements are required.</p>
--	---

Film QC Notes Delivery

The following examples show how to deliver and remove QC Notes for a full source video. QC Notes can also be delivered with a preview source video. The file must be in PDF format and there are no limitations on size of the file. Multiple QC notes can be delivered for the same "full" or "preview" video source, but the names must be different. To deliver multiple notes for an asset, each one must be in its own `<data_file>` block, and each `<data_file>` block should go under the same `<asset>` block. To replace a file, send it again with the same file name.

Deliver QC Notes

```
<?xml version="1.0" encoding="UTF-8"?>
<package xmlns="http://apple.com/itunes/importer" version="film4.3">
  <provider>Paramount</provider>
  <assets media_type="video" vendor_id="09736156444">
    <asset type="full">
      <data_file role="notes">
        <file_name>09736156444-source-notes.pdf</file_name>
        <size>12582912</size>
        <checksum type="md5">e5649a015c941c0f9d42f5c2054a25ab</checksum>
      </data_file>
    </asset>
  </assets>
</package>
```

<pre><data_file role="notes"> <file_name>09736156444-source-notes.pdf </file_name> <size>12582912</size> <checksum type="md5"> e5649a015c941c0f9d42f5c2054a25ab</checksum> </data_file></pre>	<p>Data File<i>(required)</i></p> <p>A data file element block must be included to deliver notes. The vendor ID of the full or preview source must be referenced.</p> <p>In this block, the <code>role</code>, <code>filename</code>, <code>size</code>, and <code>checksum</code> elements are required.</p>
---	--

Remove QC Notes

```
<?xml version="1.0" encoding="UTF-8"?>
<package xmlns="http://apple.com/itunes/importer" version="film4.3">
  <provider>Paramount</provider>
  <assets media_type="video" vendor_id="09736156444">
    <asset type="full">
      <data_file role="notes" remove="true">
        <file_name>09736156444-source-notes.pdf</file_name>
        <size>12582912</size>
        <checksum type="md5">e5649a015c941c0f9d42f5c2054a25ab</checksum>
      </data_file>
    </asset>
  </assets>
</package>
```

```
<data_file role="notes" remove="true">
  <file_name>09736156444-source-notes.pdf
</file_name>
  <size>12582912</size>
  <checksum type="md5">
e5649a015c941c0f9d42f5c2054a25ab</checksum>
</data_file>
```

Data File(*required*)

A data file element block must be included to remove notes. The vendor ID of the full or preview source must be referenced. For the notes data file, set the attribute `remove` to "true."

In this block, the `role`, `filename`, `size`, and `checksum` elements are required.

Multiple Language Film Profile

Multiple Language Films

iTunes provides support for films with alternate-language audio tracks or multiple-language translations of selected data.

The changes and/or additions to the Film Profile that are required in order to deliver multiple-language film content to the iTunes Store are outlined below.

Important: Sale of multiple-language films is dependent on contracts. If you are unsure if you have a contract in place for sale of multiple-language films, please contact your iTunes Technical Representative.

Multiple-Language Film Metadata Example

There are several additions to the basic metadata necessary for film localization in more than one territory.

In the *Forrest Gump* example below, copyright cline and theatrical release date are territory specific, Title and Synopsis have been localized, ratings for each territory have been defined, the same feature film source will be used to create EST and VOD products for US, DE, and FR territories. A dubbed German audio file will be included in products for the DE territory. Separate Artwork files and Trailers will be used for US, DE, and FR territories. The world Artwork file and Trailer will be used in the US territory because a territory-specific asset has not been submitted for the US.

```
<?xml version="1.0" encoding="UTF-8"?>
<package xmlns="http://apple.com/itunes/importer" version="film4.3">
  <provider>Paramount</provider>
  <language>en-US</language>
  <video>
    <type>film</type>
    <subtype>feature</subtype>
    <vendor_id>09736156444</vendor_id>
    <isan>0000-0000-03B6-0000-0-0000-0000-2</isan>
    <upc>09736156444</upc>
    <amg_video_id>V 131221</amg_video_id>
    <country>US</country>
    <original_spoken_locale>en-US</original_spoken_locale>
    <title>Forrest Gump</title>
    <synopsis>&quot;Stupid is as stupid does,&quot; says Forrest Gump (played by
Tom Hanks in an Oscar-winning performance) as he discusses his relative level of
intelligence with a stranger while waiting for a bus. Despite his sub-normal IQ, Gump
leads a truly charmed life, with a ringside seat for many of the most memorable events
of the second half of the 20th century. Entirely without trying, Forrest teaches Elvis
Presley to dance, becomes a football star, meets John F. Kennedy, serves with honor in
Vietnam, meets Lyndon Johnson, speaks at an anti-war rally at the Washington Monument,
hangs out with the Yippies, defeats the Chinese national team in table tennis, meets
```

Richard Nixon, discovers the break-in at the Watergate, opens a profitable shrimping business, becomes an original investor in Apple Computers, and decides to run back and forth across the country for several years. Meanwhile, as the remarkable parade of his life goes by, Forrest never forgets Jenny (Robin Wright Penn), the girl he loved as a boy, who makes her own journey through the turbulence of the 1960s and 1970s that is far more troubled than the path Forrest happens upon. Featured alongside Tom Hanks are Sally Field as Forrest's mother; Gary Sinise as his commanding officer in Vietnam; Mykelti Williamson as his ill-fated Army buddy who is familiar with every recipe that involves shrimp; and the special effects artists whose digital magic place Forrest amidst a remarkable array of historical events and people.</synopsis>

<locales>

<locale name="de-DE">

<title>Forrest Gump</title>

<synopsis>"Dumm ist der, der Dummes tut," sagt Forrest Gump (gespielt von Tom Hanks der dafür einen Oscar bekam), als er mit Fremden an der Bushaltestelle über sein relatives Intelligenzniveau spricht. Trotz seines unterdurchschnittlichen IQs führt Gump ein wahrlich bezauberndes Leben und erlebt viele unvergesslichen Ereignisse der zweiten Hälfte des 20. Jahrhunderts hautnah. Ohne es darauf angelegt zu haben, bringt Forrest Elvis Presley seinen Tanzstil bei, wird Football-Star, trifft John F. Kennedy, dient ehrenhaft in Vietnam, trifft Lyndon Johnson, spricht bei einer Anti-Kriegs-Kundgebung am Washington Monument, verbringt seine Zeit mit Yippies, schlägt die chinesische Nationalmannschaft im Tischtennis, trifft Richard Nixon, entdeckt den Watergate-Einbruch, eröffnet ein profitables Shrimp-Unternehmen, wird der ursprüngliche Investor von Apple Computer und beschließt, mehrere Jahre kreuz und quer durch das Land zu laufen. Während all dieser Zeit vergisst Forrest jedoch nie Jenny (Robin Wright Penn), das Mädchen, das er als Junge geliebt hat und die ihrerseits ihre Reise durch die turbulente Zeit der 60er und 70er Jahre macht. Diese verläuft allerdings viel unruhiger als die von Forrest. Mit dabei sind neben Tom Hanks Sally Field als Forrests Mutter, Gary Sinise als sein befehlshabender Offizier in Vietnam, Mykelti Williamson als sein vom Pech verfolgter Armeekumpel, der jedes Rezept kennt, das Shrimps enthält sowie die Special-Effects-Künstler, deren digitale Magie Forrest inmitten einer beachtlichen Reihe historischer Ereignisse und Menschen platziert.</synopsis>

</locale>

<locale name="fr-FR">

<title>Forrest Gump</title>

<synopsis>"N'est stupide que la stupidité," déclare Forrest Gump (joué par Tom Hanks dans le rôle qui lui a valu un Oscar) tandis qu'il discute avec un étranger en attendant son bus. Malgré son Q.I. relativement inférieur à la normale, Forrest Gump mène une vie véritablement extraordinaire et se retrouve aux premières loges de nombreux événements mémorables de la seconde moitié du XXe siècle. Sans le vouloir, il enseigne la danse à Elvis Presley, devient une star du football américain, rencontre John Kennedy, se distingue pendant la guerre du Vietnam, rencontre Lyndon Johnson, prend la parole à une manifestation contre la guerre à Washington, fréquente les Yippies, bat l'équipe nationale chinoise au tennis de table, rencontre Richard Nixon, découvre l'effraction du Watergate, fonde une société de pêche à la crevette, devient l'un des premiers investisseurs d'Apple Computers et traverse plusieurs fois les États-Unis d'un océan à l'autre en courant, pendant plusieurs années. Durant tous ces événements remarquablement dus au hasard, Forrest n'oublie jamais Jenny (jouée par Robin Wright Penn), la fille dont il était amoureux lorsqu'il était enfant et dont la traversée des turbulences des années 60 et 70 s'avère bien plus troublée. Sally Field joue la mère de Forrest Gump, Gary Sinise est le chef de son unité pendant la guerre du Vietnam, et Mykelti Williamson, celui qui connaît toutes les recettes de crevettes, est son camarade militaire au destin tragique. Mentionnons également les spécialistes des effets spéciaux dont la magie numérique place Forrest Gump au sein d'une série remarquable d'événements et de personnages historiques.</synopsis>

</locale>

</locales>

Multiple Language Film Profile

```

<production_company>Paramount Pictures</production_company>
<copyright_cline>1994 Paramount Pictures</copyright_cline>
<theatrical_release_date>2007-05-04</theatrical_release_date>
<regions>
  <region>
    <territory>DE</territory>
    <copyright_cline>1994 Paramount Pictures</copyright_cline>
    <theatrical_release_date>2007-06-04</theatrical_release_date>
  </region>
  <region>
    <territory>FR</territory>
    <copyright_cline>1994 Paramount Pictures</copyright_cline>
    <theatrical_release_date>2007-06-04</theatrical_release_date>
  </region>
</regions>
<genres>
  <genre>Comedy</genre>
  <genre>Drama</genre>
</genres>
<ratings>
  <rating system="mpaa" reason="Rated PG-13 for drug content, some sensuality
and war violence.">PG-13</rating>
  <rating system="de-fsk">ab 12 Jahren</rating>
  <rating system="fr-cnc">-12</rating>
</ratings>
<cast>
  <actor name="Hanks, Tom" display="Tom Hanks" amg_artist_id="P 93341"
billing="top">Forrest Gump</actor>
  <actor name="Penn, Robin Wright" display="Robin Wright Penn" amg_artist_id="P
77633" billing="top">Jenny Curran</actor>
  <actor name="Sinise, Gary" display="Gary Sinise" amg_artist_id="P111667"
billing="top">Lt. Dan Taylor</actor>
  <actor name="Williamson, Mykelti" display="Mykelti Williamson"
amg_artist_id="P 76595" billing="top">Bubba Blue</actor>
  <actor name="Field, Sally" display="Sally Field" amg_artist_id="P 89714"
billing="top">Mrs. Gump</actor>
  <actor name="Humphreys, Michael Conner" display="Michael Conner
Humphreys">Young Forrest</actor>
  <actor name="Hall, Hanna R." display="Hanna R. Hall">Young Jenny
Curran</actor>
</cast>
<crew>
  <member name="Zemeckis, Robert" display="Robert Zemeckis"
amg_artist_id="P117906" billing="top">Director</member>
  <member name="Starkey, Steve" display="Steve Starkey" amg_artist_id="P112522"
billing="top">Producer</member>
  <member name="Starkey, Steve" display="Steve Starkey" amg_artist_id="P112522"
billing="top">First Assistant Director</member>
</crew>
<!-- English, German, and French Inline Chaptering -->
<chapters>
  <timecode_format>24/1:1/nonDrop</timecode_format>
  <chapter>
    <start_time>00:00:00:00</start_time>
    <titles>
      <title locale="en-US">Forrest's Story Begins</title>
      <title locale="de-DE">Die Geschichte von Forrest beginnt</title>
      <title locale="fr-FR">L'Histoire de Forest Commence</title>
    </titles>
  </chapter>
</chapters>

```

```

    </titles>
    <artwork_file>
      <file_name>chapter01.jpg</file_name>
      <checksum type="md5">ed93d0f3224a353a4cc8d4175d645130</checksum>
      <size>6748922</size>
    </artwork_file>
  </chapter>
<chapter>
  <start_time>00:07:45:23</start_time>
  <titles>
    <title locale="en-US">Football at Alabama</title>
    <title locale="de-DE">Fußball an Alabama</title>
    <title locale="fr-FR">Football en Alabama</title>
  </titles>
  <artwork_file>
    <file_name>chapter02.jpg</file_name>
    <checksum type="md5">86bed7ef05c34c1e85345f40d11137a9</checksum>
    <size>7848946</size>
  </artwork_file>
</chapter>
<!-- Additional chapters here. -->
  </chapters>
<!-- Assets -->
  <assets>
<!-- Source Video -->
  <asset type="full">
    <data_file role="source">
      <locale name="en-US"/>
      <file_name>09736156444-source.mov</file_name>
      <size>2595225600</size>
      <checksum type="md5">2a793a8b46037fe8aa29dd739b49911a</checksum>
      <attribute name="crop.top">80</attribute>
      <attribute name="crop.bottom">80</attribute>
      <attribute name="crop.left">50</attribute>
      <attribute name="crop.right">50</attribute>
    </data_file>
<!-- Dubbed German Audio -->
    <data_file role="audio">
      <locale name="de-DE"/>
      <file_name>audio_DE.mov</file_name>
      <checksum type="md5">9df86c3e43e7b43ddeabb2ddfe4b8a42</checksum>
      <size>4916659</size>
    </data_file>
    <data_file role="captions">
      <file_name>09736156444-english.scc</file_name>
      <size>9511</size>
      <checksum type="md5">5a793a8b46037fe8aa2bdd739b49911a</checksum>
    </data_file>
  </asset>
<!-- World Trailer. Will be used where a territory-specific trailer has not been provided.
  -->
  <asset type="preview">
    <territories>
      <territory>WW</territory>
    </territories>
    <data_file role="source">
      <locale name="en-US"/>
      <file_name>09736156444-preview.mov</file_name>

```

```

        <size>9987212</size>
        <checksum type="md5">739b43b793a8b46037fe8aa29dd9911e</checksum>
        <attribute name="crop.top">80</attribute>
        <attribute name="crop.bottom">80</attribute>
        <attribute name="crop.left">50</attribute>
        <attribute name="crop.right">50</attribute>
    </data_file>
</asset>
<!-- German Trailer -->
<asset type="preview">
    <territories>
        <territory>DE</territory>
    </territories>
    <data_file role="source">
        <locale name="de-DE"/>
        <file_name>09736156444-DE-preview.mov</file_name>
        <size>9986311</size>
        <checksum type="md5">a8b46039b43b793a29dd9911e37fe8a7</checksum>
        <attribute name="crop.top">80</attribute>
        <attribute name="crop.bottom">80</attribute>
        <attribute name="crop.left">50</attribute>
        <attribute name="crop.right">50</attribute>
    </data_file>
</asset>
<!-- French Trailer -->
<asset type="preview">
    <territories>
        <territory>FR</territory>
    </territories>
    <data_file role="source">
        <locale name="fr-FR"/>
        <file_name>09736156444-FR-preview.mov</file_name>
        <size>9787655</size>
        <checksum type="md5">603b43b7fe739798aed991a3a8b429d1</checksum>
        <attribute name="crop.top">80</attribute>
        <attribute name="crop.bottom">80</attribute>
        <attribute name="crop.left">50</attribute>
        <attribute name="crop.right">50</attribute>
    </data_file>
</asset>
<!-- World Poster Art. Will be used where territory-specific poster art has not been
provided -->
<asset type="artwork">
    <territories>
        <territory>WW</territory>
    </territories>
    <data_file>
        <file_name>09736156444.jpg</file_name>
        <checksum type="md5">43e7dddfe4b8ab433ede429df86cabb2</checksum>
        <size>6591649</size>
    </data_file>
</asset>
<!-- German Poster Art -->
<asset type="artwork">
    <territories>
        <territory>DE</territory>
    </territories>
    <data_file>

```

```

        <file_name>09736156444_DE.jpg</file_name>
        <checksum type="md5">a429df86ce7ddeddf84b8abb433e43b2</checksum>
        <size>6591458</size>
    </data_file>
</asset>
<!-- French Poster Art -->
<asset type="artwork">
    <territories>
        <territory>FR</territory>
    </territories>
    <data_file>
        <file_name>09736156444_FR.jpg</file_name>
        <checksum type="md5">b433e43e7ddeddf84b8a429df86cabb2</checksum>
        <size>6491589</size>
    </data_file>
</asset>
</assets>
<products>
    <product>
        <territory>US</territory>
        <cleared_for_sale>true</cleared_for_sale>
        <cleared_for_hd_sale>true</cleared_for_hd_sale>
        <wholesale_price_tier>3</wholesale_price_tier>
        <preorder_sales_start_date>2006-02-10</preorder_sales_start_date>
        <sales_start_date>2006-03-12</sales_start_date>
        <cleared_for_vod>true</cleared_for_vod>
        <vod_type>New Release</vod_type>
        <available_for_vod_date>2007-11-12</available_for_vod_date>
        <unavailable_for_vod_date>2008-11-12</unavailable_for_vod_date>
        <physical_release_date>2007-08-01</physical_release_date>
        <cleared_for_hd_vod>true</cleared_for_hd_vod>
    </product>
    <product>
        <territory>DE</territory>
        <cleared_for_sale>true</cleared_for_sale>
        <cleared_for_hd_sale>true</cleared_for_hd_sale>
        <wholesale_price_tier>3</wholesale_price_tier>
        <preorder_sales_start_date>2006-03-10</preorder_sales_start_date>
        <sales_start_date>2006-04-12</sales_start_date>
        <cleared_for_vod>true</cleared_for_vod>
        <vod_type>New Release</vod_type>
        <available_for_vod_date>2007-12-12</available_for_vod_date>
        <unavailable_for_vod_date>2008-12-12</unavailable_for_vod_date>
        <physical_release_date>2007-09-01</physical_release_date>
        <cleared_for_hd_vod>true</cleared_for_hd_vod>
    </product>
    <product>
        <territory>FR</territory>
        <cleared_for_sale>true</cleared_for_sale>
        <cleared_for_hd_sale>false</cleared_for_hd_sale>
        <wholesale_price_tier>3</wholesale_price_tier>
        <preorder_sales_start_date>2006-03-10</preorder_sales_start_date>
        <sales_start_date>2006-04-12</sales_start_date>
        <cleared_for_vod>true</cleared_for_vod>
        <vod_type>New Release</vod_type>
        <available_for_vod_date>2007-12-12</available_for_vod_date>
        <unavailable_for_vod_date>2008-12-12</unavailable_for_vod_date>
        <physical_release_date>2007-09-01</physical_release_date>

```

```

        <cleared_for_hd_vod>false</cleared_for_hd_vod>
      </product>
    </products>
  </video>
</package>

```

Multiple-Language Film Metadata Annotated

Only annotations for items added or changed for multiple-language films are included. For complete annotations, see the “[Basic Film Metadata Annotated](#)” (page 18).

<pre> <?xml version="1.0" encoding="UTF-8"?> <package xmlns="http://apple.com/itunes/importer" version="film4.3"> <provider>Paramount</provider> </pre>	
<pre> <language>en-US</language> </pre>	<p>Language (<i>required</i>)</p> <p>The language of the metadata at the default level; that is, under the <code><video></code> tag level as opposed to under a <code><locale></code> tag. Fields such as title and synopsis are expected to appear in this language.</p> <p>To specify a language, use a dash character to combine a language designator with a region designator. This identifies both the language and the specific location where the language is spoken. For example, the locale for English-language speakers in Great Britain is en-GB, while the locale for English-speaking residents of the United States is en-US.</p> <p>iTunes follows the RFC4646 standard. See “Language Codes” (page 125) for a list of common codes. For more details on languages, see http://tools.ietf.org/html/rfc4646</p> <p>Note: The 2-letter primary code from the ISO639 standard will still be accepted, however, keep in mind that “en” defaults to en-US and “fr” defaults to fr-FR.</p> <p>In some places where a <code><locale></code> tag is optional, the value provided in the <code><language></code> tag is used by default.</p> <p>For more information on the ISO 639-1 standard, refer to http://www.loc.gov/standards/iso639-2/php/English_list.php.</p>
<pre> <video> </pre>	

<pre><original_spoken_locale>en-US </original_spoken_locale></pre>	<p>Original Spoken Locale Language (<i>optional</i>)</p> <p>Specifies the language spoken by the actors in the film.</p> <p>In this example, a dubbed German alternate audio track is supplied, but the language the actors' lips are moving in is English, so <code>en-US</code> must be specified as the <code><original_spoken_locale></code>. The movements of the actors' lips do not match the supplied alternate audio.</p> <p>Note: This tag is different from the <code><language></code> tag. <code><original_spoken_locale></code> is the language the actors are seen speaking in. <code><language></code> is the language used for the metadata at the default level.</p>
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<pre><title>Forrest Gump</title> <synopsis>&quot;Stupid is as stupid does.&quot; says Forrest Gump (played by Tom Hanks in an Oscar-winning performance) as he discusses his relative level of intelligence with a stranger while waiting for a bus. Despite his sub-normal IQ, Gump leads a truly charmed life, with a ringside seat for many of the most memorable events of the second half of the 20th century. Entirely without trying, Forrest teaches Elvis Presley to dance, becomes a football star, meets John F. Kennedy, serves with honor in Vietnam, meets Lyndon Johnson, speaks at an anti-war rally at the Washington Monument, hangs out with the Yippies, defeats the Chinese national team in table tennis, meets Richard Nixon, discovers the break-in at the Watergate, opens a profitable shrimping business, becomes an original investor in Apple Computers, and decides to run back and forth across the country for several years. Meanwhile, as the remarkable parade of his life goes by, Forrest never forgets Jenny (Robin Wright Penn), the girl he loved as a boy, who makes her own journey through the turbulence of the 1960s and 1970s that is far more troubled than the path Forrest happens upon. Featured alongside Tom Hanks are Sally Field as Forrest's mother; Gary Sinise as his commanding officer in Vietnam; Mykelti Williamson as his ill-fated Army buddy who is familiar with every recipe that involves shrimp; and the special effects artists whose digital magic place Forrest amidst a remarkable array of historical events and people.</synopsis></pre>	
<pre><locales></pre>	<p>Locales (<i>optional</i>)</p> <p>Provides a mechanism to specify regional and language variations for film title and synopsis.</p> <p>See “Language Codes” (page 125) for a list of common codes.</p>

<pre><locale name="de-DE"></pre>	<p>Locale Name <i>(optional)</i></p> <p>Identifies both a language and the specific location where the language is spoken.</p> <p>To specify a locale, use a dash character to combine a language designator with a region designator. For example, the locale for English-language speakers in Great Britain is en-GB, while the locale for English-speaking residents of the United States is en-US.</p> <p>iTunes follows the RFC4646 standard. See "Language Codes" (page 125) for a list of common codes. For more details on languages, see http://tools.ietf.org/html/rfc4646</p> <p>For a list of ISO 3166 alpha-2 codes, see http://www.iso.org/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html.</p>
<pre><title>Forrest Gump</title></pre>	<p>Title <i>(required, 1-255 bytes)</i></p> <p>The localized name of this film for the locale specified.</p>

<p><synopsis>&quot;Dumm ist der, der Dummes tut.&quot; sagt Forrest Gump (gespielt von Tom Hanks der dafür einen Oscar bekam), als er mit Fremden an der Bushaltestelle über sein relatives Intelligenzniveau spricht. Trotz seines unterdurchschnittlichen IQs führt Gump ein wahrlich bezauberndes Leben und erlebt viele der unvergesslichen Ereignisse der zweiten Hälfte des 20. Jahrhunderts hautnah. Ohne es darauf angelegt zu haben, bringt Forrest Elvis Presley seinen Tanzstil bei, wird Football-Star, trifft John F. Kennedy, dient ehrenhaft in Vietnam, trifft Lyndon Johnson, spricht bei einer Anti-Kriegs-Kundgebung am Washington Monument, verbringt seine Zeit mit Yippies, schlägt die chinesische Nationalmannschaft im Tischtennis, trifft Richard Nixon, entdeckt den Watergate-Einbruch, eröffnet ein profitables Shrimp-Unternehmen, wird der ursprüngliche Investor von Apple Computer und beschließt, mehrere Jahre kreuz und quer durch das Land zu laufen. Während all dieser Zeit vergisst Forrest jedoch nie Jenny (Robin Wright Penn), das Mädchen, das er als Junge geliebt hat und die ihrerseits ihre Reise durch die turbulente Zeit der 60er und 70er Jahre macht. Diese verläuft allerdings viel unruhiger als die von Forrest. Mit dabei sind neben Tom Hanks Sally Field als Forrests Mutter, Gary Sinise als sein befehlshabender Offizier in Vietnam, Mykelti Williamson als sein vom Pech verfolgter Armee-Kumpel, der jedes Rezept kennt, das Shrimps enthält sowie die Special-Effects-Künstler, deren digitale Magie Forrest inmitten einer beachtlichen Reihe historischer Ereignisse und Menschen platziert.</synopsis></p>	<p>Synopsis (<i>required, 1-4000 bytes</i>)</p> <p>The localized general summary of the film's content and story line for the locale specified.</p> <p>Important: Character counts are in bytes for standard 8-bit characters (i.e., Roman alphabet). Fewer double-wide characters (e.g., Japanese symbols) are allowed.</p>
<p></locale> </locales></p>	
<p>... <theatrical_release_date>2007-05-04 </theatrical_release_date></p>	
<p><regions></p>	<p>Regions (<i>optional</i>)</p> <p>Regional variation in theatrical release dates (as displayed in the Store, this does not affect actual date of sale) and copyright can be specified using this mechanism.</p>

<region>	<p>Region <i>(required)</i></p> <p>A region must be specified for each territory (country) that requires localized copyright or theatrical release date information.</p>
<territory>DE</territory>	<p>Territory <i>(required)</i></p> <p>The territory for the corresponding copyright cline and theatrical release date provided for this film. Must be specified as an ISO 3166 alpha-2 country code. Note that some countries in the ISO 3166 alpha-2 country list contain other countries (for example, United States includes Puerto Rico).</p> <p>For a list for ISO 3166-1 alpha 2 codes, see http://www.iso.org/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html.</p> <p>For more information on ISO codes, see http://www.davros.org/misc/iso3166.html.</p>
<copyright_cline>1994 Paramount Pictures</copyright_cline>	<p>Copyright © Line <i>(optional, 1-1,000 bytes; can be updated)</i></p> <p>A specific copyright for this video. The format required is year followed by owner. The appropriate © symbol will automatically be added and should not be included in the data.</p> <p>If omitted, a default calculated copyright will be used based on the film's theatrical release date and your customer presentable provider name.</p>
<theatrical_release_date>2007-06-04</theatrical_release_date>	<p>Theatrical Release Date <i>(optional; can be updated)</i></p> <p>This is the date the film was first released in theaters for the specified territory.</p> <p>The date must be in the format YYYY-MM-DD where YYYY is the 4-digit year, MM is the 2-digit month, and DD is the 2-digit day.</p> <p>This field does not impact date of release or "street date" for the iTunes Store.</p> <p>Important: If you do not know the exact theatrical release date, you can specify just the year in YYYY-01-01 format. iTunes displays the date as YYYY.</p>
</region> </regions>	

<ratings>	<p>Ratings (<i>optional; can be updated</i>)</p> <p>You can specify one or more ratings for your film content. For complete details, see the “Film Ratings” (page 11) section of this document.</p>
<pre><rating system="mpaa" reason="Rated PG-13 for drug content, some sensuality and war violence.">PG-13</rating> <rating system="de-fsk">ab 12 Jahren</rating> <rating system="fr-cnc">-12</rating></pre>	<p>Rating (<i>required if content is rated; can be updated</i>)</p> <p>A valid rating from an accepted ratings system. More than one rating can be specified, but only one rating per ratings system is allowed.</p> <p>A complete listing of valid systems and values is located in Table 1: Film Metadata Rating System Values.</p>
</ratings>	

<pre><member name="Zemeckis, Robert" display="Robert Zemeckis" amg_artist_id="P117906" billing="top">Director</member></pre>	<p>Crew Member (<i>required, multiple allowed</i>)</p> <p>A crew member in this film. List crew members within the cast element in the order in which you want them to appear in the iTunes Store. Be sure to designate crew who require top billing. The role performed by the crew member should be specified.</p> <p>name (<i>required, text, 1-250 bytes</i>) The name of the crew member for alphabetical sorting and unique identification where last name comes first, followed by a comma, the first name, and middle initials or name.</p> <p>display (<i>required, text, 1-250 bytes</i>) The actor's name presented as it would be naturally displayed when casually referring to his or her real name.</p> <p>amg_artist_id (<i>optional</i>) The All Movie Guide person ID assigned to this actor.</p> <p>billing (<i>optional</i>) If a crew member requires top billing for this film, the attribute billing must have the value "top," otherwise you can omit this attribute. Accepted values:</p> <ul style="list-style-type: none"> ■ top: Person must appear in iTunes Store top billing positions. ■ ordered (<i>default</i>): Person appears with all other crew members listed, in order. <p>The text of the member element should contain the role performed by this person. Currently, only the following roles are displayed in the iTunes Store (the role names must be in English in order to be imported into the Store, but the names will be localized if needed when displayed in the Store):</p> <ul style="list-style-type: none"> ■ Director ■ Producer ■ Screenwriter <p>If a crew member has more than one role, specify each role in a separate <code><member></code> tag and place each role in the metadata in the order it should appear in the credits. Do not combine a crew member's roles in one <code><member></code> tag, for example, do <i>not</i> use Producer/Screenwriter.</p> <p>Important: If an optional attribute is blank and has no value, you must remove the attribute.</p>
<pre></crew></pre>	

<chapters>	<p>Chaptering (required) Defines chapters within a video.</p>
<p><timecode_format>24/1:1/nonDrop </timecode_format></p>	<p>Timecode format (optional, but recommended) Defines the timecodes used for the chapters.</p> <p>The format can be <code>qt_text</code> or one of the SMPTE formats listed below. If you omit the <code><timecode_format></code> tag, the format defaults to <code>qt_text</code>.</p> <p><code>qt_text</code> is what QuickTime refers to as “Standard” format: hours, minutes, and seconds without any frames; this is not frame-accurate. If you require frame-accurate chapter points, then use a SMPTE timecode format.</p> <p>The SMPTE timecode is expressed as: <code>framerate/framerate multiplier/mode</code>.</p> <p>Below are the supported options:</p> <ul style="list-style-type: none"> 24fps film: 24/1:1/nonDrop NTSC video: 30/1000: 1001/dropNTSC ATSC 24p: 24/1000: 1001/dropNTSC PAL: 25/1:1/nonDrop <p>Important: The frame modes (for example, <code>nonDrop</code> and <code>dropNTSC</code>) are case-sensitive.</p> <p>For more information on timecode formats, see “Timecode Formats” (page 127).</p>
<chapter>	<p>Chapter (optional) Defines the first chapter within the <code><chapters></code> tag.</p> <p>There is no limit to the number of chapters you can define.</p>
<start_time>00: 00:00: 00</start_time>	<p>Chapter Start Time (required if using chapters) Specifies the start of each chapter as dictated by the <code><timecode_format></code> above. End time is inferred from the start time of the next defined chapter. Refer to “Timecode Formats” (page 127) for timecode examples.</p> <p>The first chapter must start at <code>00:00:00:00</code> and the chapters must be listed in chronological order.</p>

<pre><titles> <title locale="en-US">Forrest's Story Begins</title> <title locale="de-DE">Die Geschichte von Forrest beginnt</title> <title locale="fr-FR">L'Histoire de Forest Commence</title> </titles></pre>	<p>Localized Chapter Titles (<i>optional; 1-255 bytes; can be updated</i>)</p> <p>Titles of the chapters, one for each locale.</p> <p>Each chapter must have the same number of titles. If one chapter has three titles, all the chapters must have three titles in the same three languages.</p> <p>If you are providing only one title, you do not need to use the <code><titles></titles></code> tags.</p> <p>Note: It is recommended that the chapters provided match what is on the DVD. In addition, include a chapter for film credits as the last chapter.</p>
<pre><artwork_file> <file_name>chapter01.jpg</file_name> <size>6748922</size> <checksum type="md5"> ed93d0f3224a353a4cc8d4175d645130</checksum> </artwork_file></pre>	<p>Artwork (<i>required; can be updated</i>)</p> <p>The filename of the image to be used to represent this chapter. Do not include a path. The artwork is required and you must provide the <code><file_name></code>, <code><size></code>, and <code><checksum></code>. Each chapter must have an associated image, and each image must have a unique filename.</p> <p>Include the artwork files in the package directory along with the basic metadata file. Chapter images must be cropped (no letterbox, pillarbox, or windowbox).</p>
<pre></chapter> </chapters></pre>	
<pre><assets> <asset type="full"></pre>	<p>Assets (<i>required, multiple from a set; can be updated</i>)</p> <p>Begins the assets block that references the assets being delivered.</p> <p>New files update by overwriting the previous files. A data file not referenced in the asset block on a redelivery will be removed from iTunes. Assets of type "artwork" (<code><asset type="artwork"></code>) cannot be updated through redelivery.</p>

<pre> <data_file role="source"> <locale name="en-US"/> <file_name>09736156444-source.mov </file_name> <size>2595225600</size> <checksum type="md5"> 2a793a8b46037fe8aa29dd739b49911a</checksum> <attribute name="crop.top">80 </attribute> <attribute name="crop.bottom">80 </attribute> <attribute name="crop.left">50 </attribute> <attribute name="crop.right">50 </attribute> </data_file> </pre>	<p>Locale Name (required for full source, preview source, and audio)</p> <p>Identifies the language that is spoken in the audio on the source asset. The locale indicates both the language and the specific location where the language is spoken.</p> <p>To specify a locale, use a dash character to combine a language designator with a region designator. For example, the locale for English-language speakers in Great Britain is en-GB, while the locale for English-speaking residents of the United States is en-US.</p> <p>iTunes follows the RFC4646 standard. See “Language Codes” (page 125) for a list of common codes. For more details on languages, see http://tools.ietf.org/html/rfc4646</p> <p>For a list of ISO 3166 alpha-2 codes, see http://www.iso.org/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html.</p>
<pre> <data_file role="audio"> <locale name="de-DE"/> <file_name>audio_DE.mov</file_name> <checksum type="md5"> 9df86c3e43e7b43ddeabb2ddfe4b8a42</checksum> <size>4916659</size> </pre>	<p>Localized Audio (optional)</p> <p>Territory and language-specific audio can be supplied using the "locale" metadata structure. If used, both the language and the specific location where the language is spoken must be included to specify the language. One audio file can be provided for each desired region and language. The <locale> tag is required for localized audio assets.</p> <p>To specify a locale, use a dash character to combine a language designator with a region designator. For example, the locale for English-language speakers in Great Britain is en-GB, while the locale for English-speaking residents of the United States is en-US.</p> <p>iTunes follows the RFC4646 standard. See “Language Codes” (page 125) for a list of common codes. For more details on languages, see http://tools.ietf.org/html/rfc4646</p> <p>For a list of ISO 3166 alpha-2 codes, see http://www.iso.org/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html.</p>
<pre> </data_file> </asset> ... </pre>	

<pre><asset type="preview"> <territories> <territory>DE</territory> </territories></pre>	<p>Preview Asset Territory <i>(required)</i></p> <p>The territories in which the supplied preview file can be distributed. This is a territory and not language-specific asset. Must be a valid ISO 3166 alpha-2 country code or WW. Note that some countries in the ISO 3166 alpha-2 country list contain other countries (for example, United States includes Puerto Rico).</p> <p>Note: We recommend that a default preview asset be sent by indicating WW as the territory, in addition to any territory-specific previews that are to be delivered. Using WW ensures that all territories will have a preview. If you do not specify WW as a territory, any country that is not covered by a territory tag will not have a preview trailer. If you do not specify any territory, it defaults to WW.</p> <p>For a list for ISO 3166-1 alpha 2 codes, see http://www.iso.org/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html</p> <p>For more information on ISO codes, see http://www.davros.org/misc/iso3166.html</p>
<pre><data_file role="source"> <locale name="en-US"/> <file_name>09736156444-DE-preview.mov </file_name> <size>9986311</size> <checksum type="md5"> a8b46039b43b793a29dd9911e37fe8a7</checksum> <attribute name="crop.top">80 </attribute> <attribute name="crop.bottom">80 </attribute> <attribute name="crop.left">50 </attribute> <attribute name="crop.right">50 </attribute> </data_file></pre>	<p>Localized Preview Asset Source <i>(required)</i></p> <p>Describes the type of asset being delivered. You specify type="preview" to indicate that the asset is the preview file. The preview source data file contains the preview length video and audio streams.</p> <p>The <locale name> identifies the language that is spoken in the audio on the source asset, regardless of the territories in which it is to be sold. It indicates both the language and the specific location where the language is spoken.</p> <p>One preview file can be provided for each territory.</p> <p>See the annotations in “Basic Film Metadata Annotated” (page 18) for tag specifics.</p>
<pre><asset type="artwork"></pre>	<p>Poster Image <i>(required)</i></p> <p>A poster image is required, as is the <file_name>, <size>, and <checksum> for the provided file. See the <i>Asset Specification Guide</i> for complete file requirements.</p>

<pre><territories> <territory>DE</territory> </territories></pre>	<p>Poster Image Territory (<i>optional</i>)</p> <p>The territories in which the supplied artwork file can be displayed. This is a territory and not language-specific asset. Must be a valid ISO 3166 alpha-2 country code or WW. Note that some countries in the ISO 3166 alpha-2 country list contain other countries (for example, United States includes Puerto Rico).</p> <p>Note: We recommend that a default poster image asset be sent by indicating WW as the territory, in addition to any territory-specific poster images that are to be delivered. Using WW ensures that all territories will have a poster image. If you do not specify WW as a territory, any country that is not covered by a territory tag will not have a poster image. If you do not specify any territory, it defaults to WW.</p> <p>For a list for ISO 3166-1 alpha 2 codes, see http://www.iso.org/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html</p> <p>For more information on ISO codes, see http://www.davros.org/misc/iso3166.html</p>
<pre><data_file> <file_name>09736156444_DE.jpg </file_name> <checksum type="md5"> a429df86ce7ddeddf4b8abb433e43b2</checksum> <size>6591458</size></pre>	
<pre> </data_file> </asset> . . . </assets></pre>	
<pre><products></pre>	
<pre><product></pre>	<p>Product (<i>required; can be updated</i>)</p> <p>For each territory in which the film is to be sold for Electronic sell-through (EST) or rented, Video on Demand (VOD), there must be a defined product.</p>

<territory>US</territory>	<p>Product Territory <i>(required)</i></p> <p>The product territory specifies where the film is cleared for sale or VOD and must be a valid ISO 3166 alpha-2 country code. Note that some countries in the ISO 3166 alpha-2 country list contain other countries (for example, United States includes Puerto Rico).</p> <p>Note: Using WW as a territory in the <product> block is not allowed. Because price tiers are different in each territory, we cannot accept WW pricing. You must send each territory in its own <product> block.</p> <p>For a list for ISO 3166-1 alpha 2 codes, see http://www.iso.org/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html</p> <p>For more information on ISO codes, see http://www.davros.org/misc/iso3166.html</p>
<cleared_for_sale>true</cleared_for_sale>	<p>Cleared For Sale <i>(required)</i></p> <p>Specifies whether or not this film can be sold for EST sale in the product's territory. Accepted values are "true" and "false."</p> <p>Important: For a video to be available only for rent in the iTunes Store this element must be set to "false."</p>
<cleared_for_hd_sale>true</cleared_for_hd_sale>	<p>Cleared for HD Sale <i>(optional)</i></p> <p>Specifies whether or not the video is cleared for HD EST sale in the product's territory. Accepted values are "true" and "false." This defaults to "true," however as a best practice we strongly recommend that you explicitly send this tag to indicate "true" or "false."</p> <p>Note: Sale of HD EST is dependent on contracts. If you are unsure if you have a contract in place for sale of HD EST, contact your iTunes Technical Representative.</p>
<wholesale_price_tier>3</wholesale_price_tier>	<p>Wholesale Price Tier <i>(required for EST; otherwise optional)</i></p> <p>The wholesale price tier for the film. Must be a wholesale price tier number as specified in the contract with Apple.</p>

<pre><preorder_sales_start_date>2006-02-10 </preorder_sales_start_date></pre>	<p>Pre-Order Sales Start Date <i>(optional)</i></p> <p>Indicates the date when pre-orders are available in the film's product territories.</p> <p>The pre-order ends (and fulfills) on the regular sales start date of the product. If included, the pre-order date must be before the sales start date.</p> <p>If a pre-order sales start date is not specified for a given territory, the pre-order will not be available in that territory. This element implicitly enables pre-ordering on a per-territory/product basis.</p>
<pre><sales_start_date>2006-03-12 </sales_start_date></pre>	<p>Sales Start Date <i>(optional)</i></p> <p>The date this film is available for EST purchase in the specified iTunes Store territory only. This is also known as the "street date" of the video. This field must be in YYYY-MM-DD format.</p> <p>Important: Omitting this element will make the film available for sale immediately.</p>
<pre><sales_end_date></sales_end_date></pre>	<p>Sales End Date <i>(optional)</i></p> <p>This field should not be included in most cases. It is not used to indicate your contract end date; if your contract expires, your content will come down from the store automatically, regardless of whether this field is set or not.</p> <p>Use this field only if this content will be available for a limited window of time. If used, the date must be in YYYY-MM-DD format.</p>
<pre><cleared_for_vod>true</cleared_for_vod></pre>	<p>Cleared for Video on Demand Sale <i>(required for VOD; otherwise optional)</i></p> <p>Specifies whether or not the video is cleared for rent, VOD, sale in the product's territory. Accepted values are "true" and "false."</p> <p>Important: If this element is not specified, or is set to false, this video will not be available for rent in the iTunes Store.</p>

<pre><vod_type>New Release</vod_type></pre>	<p>Video on Demand Type (<i>required for VOD; otherwise optional</i>)</p> <p>Specifies whether the film is a new release or a library title. Accepted values are as follows:</p> <ul style="list-style-type: none"> ■ New Release. A new release title is a feature-length film that appeared in theaters. ■ Library. A library title is a feature-length film that is not a new release. <p>Important: Provide this value as specified by your contract. This element is required if <code>cleared_for_vod</code> is “true.”</p>
<pre><available_for_vod_date>2007-11-12</available_for_vod_date></pre>	<p>Available for Video on Demand Date (<i>optional</i>)</p> <p>The date this film is available for video on demand purchase in the specified iTunes Store territory only. This field must be in YYYY-MM-DD format.</p> <p>Important: This element is required for new releases (<code><vod_type>New Release</vod_type></code>).</p>
<pre><unavailable_for_vod_date>2008-11-12</unavailable_for_vod_date></pre>	<p>Unavailable for Video on Demand Date (<i>optional</i>)</p> <p>The date the film is no longer available for VOD sale in the specified iTunes Store territory only. This field must be in YYYY-MM-DD format.</p>
<pre><physical_release_date>2007-08-01</physical_release_date></pre>	<p>Physical Release Date (<i>optional</i>)</p> <p>The release date of the first physical product (i.e. VHS, Beta, laserdisc, and DVD). This field must be in YYYY-MM-DD format.</p> <p>Important: This element is required for new releases (<code><vod_type>New Release</vod_type></code>).</p>
<pre><cleared_for_hd_vod>true</cleared_for_hd_vod></pre>	<p>Cleared For HD Video on Demand (<i>optional; can be updated</i>)</p> <p>Specifies whether or not this video is cleared for VOD in HD in the product’s territory. Accepted values are “true” and “false.”</p>
<pre> </product> ... </products> </video> </package></pre>	

German Film Sold Internationally Metadata Example

Below is an example metadata.xml for a film that is to be sold internationally in France, United States, and Germany.

It is a German film in which the actors are speaking in German and the film contains German audio. This film is not dubbed and does not have burned-in subtitles. The film will be sold in three territories: Germany, US, and France. The Title and Synopsis have been localized, ratings for each territory have been defined, the same feature film source (German) will be used to create EST and VOD products for US and FR territories. Separate Artwork files and Trailers will be used for US and FR territories.

```
<?xml version="1.0" encoding="UTF-8"?>
<package xmlns="http://apple.com/itunes/importer" version="film4.3">
  <provider>ColumbiaPictures</provider>
  <language>de-DE</language>
  <video>
    <type>film</type>
    <subtype>feature</subtype>
    <vendor_id>0767802489</vendor_id>
    <isdn>0000-0000-129D-0000-M-0000-0000-8</isdn>
    <upc>0767802489</upc>
    <amg_video_id>V_60982</amg_video_id>
    <country>DE</country>
    <original_spoken_locale>de-DE</original_spoken_locale>
    <title>Das Boot</title>
    <synopsis>Das Boot ist einer der spannendsten und authentischsten Kriegsfilme,
  die je gedreht wurden. Er basiert auf dem autobiografischen Roman von Lothar-Günther
  Buchheim, der den Zweiten Weltkrieg als Kriegsberichterstatter erlebte, und schildert
  das Leben eines unerschrockenen U-Boot-Kommandanten (Jürgen Prochnow) und seiner
  unerfahrenen Crew während einer Patrouillenfahrt im Atlantik und im Mittelmeer. Das
  U-Boot hat die Aufgabe, Frachtschiffe der Alliierten aufzuspüren, und wird immer wieder
  vom Jäger zum Gejagten. Der Film hat nur wenig Handlung und verdankt seine unglaubliche
  Intensität und Wirkung sowohl seinen fesselnden, epischen Kampfszenen als auch der
  eindrucksvoll und atmosphärisch geschilderten Langeweile an Bord, das endlose Warten
  auf Befehle und auf die erste Berührung mit dem Feind. Mit Ausnahme eines linientreuen
  Wachoffiziers ist kein Mitglied der Crew überzeugter Anhänger der Nazis. Einige stehen
  dem Führer sogar feindselig gegenüber. Deshalb gehören die Sympathien der Zuschauer
  den Besatzungsmitgliedern, wenn diese in beklemmender Enge und umgeben von Dreck und
  Gestank ihre mühsamen und eintönigen Arbeiten verrichten oder Todesangst spüren, wenn
  rund um das U-Boot Wasserbomben explodieren. Jürgen Prochnow überzeugt durch seine
  exzellente Darstellung des Kapitänleutnants mit eisernen Nerven und viele der Nebenrollen
  sind ebenfalls hervorragend besetzt (ausschließlich mit deutschen Schauspielern).
  Allerdings werden bei der Charakterisierung bestimmter Personen typische
  Kriegsfilm-Klischees bedient: der junge Matrose, der seine schwangere Freundin
  zurücklässt, oder der Leitende Ingenieur, dessen Frau schwer krank ist. Der eigentliche
  Star des Films ist jedoch Kameramann Jost Vacano, dem es gelingt, den Schmutz und die
  klaustrophobische Stimmung im U-Boot eindringlich und realistisch zu vermitteln. Mit
  seiner Kamera verfolgt er die Crew durch Luken, auf Leitern, in die Kojen und unter
  Leitungsröhre und überträgt durch diese außergewöhnliche Kameraführung das Gefühl des
  Eingeschlossenseins direkt auf den Zuschauer. Regisseur und Drehbuchautor Wolfgang
  Petersen produzierte ursprünglich zwei Versionen von „Das Boot“: eine zweieinhalbstündige
  Kinoversion und eine sechsstündige deutsche TV-Mini-Serie. Im Jahr 1997 folgte eine
  überarbeitete Fassung als Director's Cut, die fast neunzig Minuten zusätzliches
  Filmmaterial enthielt und den Film noch spannender und beeindruckender machte.</synopsis>
  <locales>
    <locale name="fr-FR">
      <title>Le Bateau</title>
```

<synopsis>Le Bateau est l'un des films de guerre les plus réalistes et les plus captivants jamais réalisés. Basé sur l'œuvre autobiographique de Lothar-Günther Buchheim, photographe allemand de la 2e guerre mondiale, le film relate la vie d'un intrépide capitaine de sous-marin (Jürgen Prochnow) et de son jeune équipage tandis qu'ils parcourent l'Atlantique et la Méditerranée à la recherche de vaisseaux alliés. La puissance du film repose essentiellement sur ses scènes de batailles épiques et fascinantes et sur le récit des heures interminables passées à attendre les ordres ou le signe d'une présence ennemie. À l'exception d'un jeune lieutenant hitlérien, aucun membre de l'équipage du sous-marin n'est particulièrement fidèle aux Nazis, certains sont même ouvertement hostiles au Führer. Cela ne manque pas de faire naître la sympathie pour ces hommes qui font leur devoir difficile et monotone dans des quartiers aussi exigües que crasseux, ou qui guettent la mort lorsque le sous-marin se retrouve cerné par des charges explosives. Prochnow est excellent dans son rôle de commandant aux nerfs d'acier et les rôles secondaires (tous tenus pas des allemands) sont tout aussi convaincants, même si l'incarnation frise souvent les clichés du film de guerre (le jeune matelot qui laisse derrière lui sa petite amie enceinte ou l'ingénieur en chef dont la femme est atteinte d'une maladie grave). Le génie du film naît également du cinéaste Jost Vacano, qui donne vie à ce macabre huis-clos en suivant de sa caméra les membres d'équipage à travers d'interminables écouteilles, échelles, couchettes et conduits en tous genres, créant un sentiment insurmontable de claustrophobie et de mouvement perpétuel. Monté à l'origine par l'écrivain et réalisateur Wolfgang Petersen dans un format cinéma de 2 heures 30 et sous la forme d'une mini-série de 6 heures pour la télévision allemande, Le Bateau est sorti dans une nouvelle version restaurée en 1997 avec environ une heure de plans ajoutés pour un suspense encore plus insoutenable.</synopsis>

</locale>

<locale name="en-US">

<title>Das Boot</title>

<synopsis>Das Boot is one of the most gripping and authentic war movies ever made. Based on an autobiographical novel by German World War II photographer Lothar-Guenther Buchheim, the film follows the lives of a fearless U-Boat captain (Jurgen Prochnow) and his inexperienced crew as they patrol the Atlantic and Mediterranean in search of Allied vessels, taking turns as hunter and prey. There's very little plot, so the movie's power comes from both its riveting, epic battle scenes and its details of the boring hours spent waiting for orders or signs of the enemy. With the exception of one staunch Hitler Youth lieutenant, none of the crew is particularly loyal to the Nazis, and some are openly hostile toward their Fuhrer; this allows viewer sympathy with the men as they perform their laborious, monotonous duties in cramped, filthy quarters, or await death as depth charges explode all around the sub. Prochnow is excellent as the nerves-of-steel commander, and many of the supporting actors -- all German -- are solid as well, although the characterizations border on war movie clichés (the young crewman who has left behind his pregnant girlfriend, the Chief Engineer whose wife is seriously ill). The real star, however, is cinematographer Jost Vacano, who makes the sub's grimy, claustrophobic interior come to vivid life, as his camera follows the crew through hatches, up ladders, into bunks, and under pipes, creating a palpable sense of claustrophobia while injecting it with movement. Originally edited by writer/director Wolfgang Petersen as both a two-and-a-half hour theatrical release and a six-hour German miniseries, Das Boot was re-released in a restored version in 1997 with nearly one hour of added footage which made it even more suspenseful than before.</synopsis>

</locale>

</locales>

<production_company>Bavaria Film</production_company>

<copyright_cline>1981 Bavaria Film</copyright_cline>

<theatrical_release_date>1981-09-17</theatrical_release_date>

<regions>

<region>

<territory>FR</territory>

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</genres>
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    <rating system="fr-cnc">-12</rating>
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57905" billing="top">The Captain</actor>
    <actor name="Gronemeyer, Herbert" display="Herbert Gronemeyer"
amg_artist_id="V 60982" billing="top">Lt. Werner/Correspondent</actor>
    <actor name="Wennemann, Klaus" display="Klaus Wennemann" amg_artist_id="P
75533" billing="top">Chief Engineer</actor>
    <actor name="Bengsch, Hubertus" display="Hubertus Bengsch" amg_artist_id="P
5334" billing="top">First Lt. /Number One</actor>
    <actor name="Semmelrogge, Martin" display="Martin Semmelrogge"
amg_artist_id="P 64479" billing="top">2nd Lieutenant</actor>
    <actor name="Tauber, Bernd" display="Bernd Tauber" amg_artist_id="P
69957">Chief Quartermaster</actor>
    <actor name="Leder, Erwin" display="Erwin Leder" amg_artist_id="P
41303">Johann</actor>
</cast>
<crew>
    <member name="Petersen, Wolfgang" display="Wolfgang Petersen" amg_artist_id="P
106242" billing="top">Director</member>
    <member name="Damon, Mark" display="Mark Damon" amg_artist_id="P 86645"
billing="top">Producer</member>
    <member name="John W., Hyde" display="John W. Hyde" amg_artist_id="P 95312"
billing="top">Producer</member>
    <member name="Petersen, Wolfgang" display="Wolfgang Petersen" amg_artist_id="P
106242" billing="top">Screenwriter</member>
    <member name="Riesner, Dean" display="Dean Riesner" amg_artist_id="P 107916"
billing="top">Screenwriter</member>
    <member name="Vacano, Jost" display="Jost Vacano" amg_artist_id="P
114948">Cinematographer</member>
</crew>
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            <title locale="de-DE">Feindkontakt</title>
            <title locale="fr-FR">Le second moteur à propulsion</title>
            <title locale="en-US">Second Propeller Sounds</title>
        </titles>
    </chapter>
</chapters>

```

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      <title locale="fr-FR">En état de choc</title>
      <title locale="en-US">Shell Shocked</title>
    </titles>
    <artwork_file>
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      <size>754938</size>
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<!-- Additional chapters here. -->
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<!-- Source Video -->
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  </asset>
<!-- World Trailer. Will be used where a territory-specific trailer has not been provided.
-->
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      <territory>WW</territory>
    </territories>
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      <locale name="en-US"/>
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      <attribute name="crop.left">50</attribute>
      <attribute name="crop.right">50</attribute>
    </data_file>
  </asset>
<!-- German Trailer -->
  <asset type="preview">
    <territories>
      <territory>DE</territory>
    </territories>
    <data_file role="source">

```

```

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        <attribute name="crop.left">50</attribute>
        <attribute name="crop.right">50</attribute>
    </data_file>
</asset>
<!-- French Trailer -->
<asset type="preview">
    <territories>
        <territory>FR</territory>
    </territories>
    <data_file role="source">
        <locale name="fr-FR"/>
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        <attribute name="crop.left">50</attribute>
        <attribute name="crop.right">50</attribute>
    </data_file>
</asset>
<!-- World Poster Art. Will be used where territory-specific poster art has not been
provided -->
<asset type="artwork">
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        <territory>WW</territory>
    </territories>
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    </territories>
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        </data_file>
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    <wholesale_price_tier>3</wholesale_price_tier>
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    <sales_start_date>2006-03-12</sales_start_date>
    <cleared_for_vod>>true</cleared_for_vod>
    <vod_type>New Release</vod_type>
    <available_for_vod_date>2007-11-12</available_for_vod_date>
    <unavailable_for_vod_date>2008-11-12</unavailable_for_vod_date>
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    <sales_start_date>2006-04-12</sales_start_date>
    <cleared_for_vod>>true</cleared_for_vod>
    <vod_type>New Release</vod_type>
    <available_for_vod_date>2007-12-12</available_for_vod_date>
    <unavailable_for_vod_date>2008-12-12</unavailable_for_vod_date>
    <physical_release_date>1999-10-01</physical_release_date>
  </product>
  <product>
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    <sales_start_date>2006-04-12</sales_start_date>
    <cleared_for_vod>>true</cleared_for_vod>
    <vod_type>New Release</vod_type>
    <available_for_vod_date>2007-12-12</available_for_vod_date>
    <unavailable_for_vod_date>2008-12-12</unavailable_for_vod_date>
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  </product>
</products>
</video>
</package>

```

German Film Metadata Example Annotated

Only certain tags specific to this example are described to help clarify how to use the tags. For complete explanations of all the tags, see the [“Multiple-Language Film Metadata Annotated”](#) (page 53).

<pre> <?xml version="1.0" encoding="UTF-8"?> <package xmlns="http://apple.com/itunes/importer" version="film4.3"> <provider>ColumbiaPictures</provider> </pre>	
--	--

<pre><language>de-DE</language></pre>	<p>Language (required)</p> <p>The language of the metadata at the default level.</p> <p>This example shows a German film; the default title and synopsis appear directly under the <code><video></code> tag in this language (de-DE). Localized titles and synopses appear under a <code><locale></code> tag. In this example, the localized titles and synopses are in French and US English.</p> <p>See “Multiple-Language Film Metadata Annotated” (page 53) for a complete explanation.</p>
<pre><video> <original_spoken_locale>de-DE </original_spoken_locale></pre>	<p>Original Spoken Locale Language (optional)</p> <p>Specifies the language spoken by the actors in the film.</p> <p>In this example, the actors are speaking in German.</p> <p>Note: This tag is different from the <code><language></code> tag. <code><original_spoken_locale></code> is the language the actors are seen speaking in. <code><language></code> is the language used for the metadata at the default level.</p>
<pre><title>Das Boot</title></pre>	<p>Title (required, 1-255 bytes)</p> <p>The title of the film in the language specified in the <code><language></code> tag (the default language).</p> <p>This example shows a German film; the default title and synopsis will appear in this language.</p>

<p><synopsis>Das Boot ist einer der spannendsten und authentischsten Kriegsfilme, die je gedreht wurden. Er basiert auf dem autobiografischen Roman von Lothar-Günther Buchheim, der den Zweiten Weltkrieg als Kriegsberichterstatter erlebte, und schildert das Leben eines unerschrockenen U-Boot-Kommandanten (Jürgen Prochnow) und seiner unerfahrenen Crew während einer Patrouillenfahrt im Atlantik und im Mittelmeer. Das U-Boot hat die Aufgabe, Frachtschiffe der Alliierten aufzuspüren, und wird immer wieder vom Jäger zum Gejagten. Der Film hat nur wenig Handlung und verdankt seine unglaubliche Intensität und Wirkung sowohl seinen fesselnden, epischen Kampfscenen als auch der eindrucksvoll und atmosphärisch geschilderten Langeweile an Bord, das endlose Warten auf Befehle und auf die erste Berührung mit dem Feind. Mit Ausnahme eines linientreuen Wachoffiziers ist kein Mitglied der Crew überzeugter Anhänger der Nazis. Einige stehen dem Führer sogar feindselig gegenüber. Deshalb gehören die Sympathien der Zuschauer den Besatzungsmitgliedern, wenn diese in beklemmender Enge und umgeben von Dreck und Gestank ihre mühsamen und eintönigen Arbeiten verrichten oder Todesangst spüren, wenn rund um das U-Boot Wasserbomben explodieren. Jürgen Prochnow überzeugt durch seine exzellente Darstellung des Kapitänleutnants mit eisernen Nerven und viele der Nebenrollen sind ebenfalls hervorragend besetzt (ausschließlich mit deutschen Schauspielern). Allerdings werden bei der Charakterisierung bestimmter Personen typische Kriegsfilm-Klischees bedient: der junge Matrose, der seine schwangere Freundin zurücklässt, oder der Leitende Ingenieur, dessen Frau schwer krank ist. Der eigentliche Star des Films ist jedoch Kameramann Jost Vacano, dem es gelingt, den Schmutz und die klaustrophobische Stimmung im U-Boot eindringlich und realistisch zu vermitteln. Mit seiner Kamera verfolgt er die Crew durch Luken, auf Leitern, in die Kojen und unter Leitungsrohre und überträgt durch diese außergewöhnliche Kameraführung das Gefühl des Eingeschlossenseins direkt auf den Zuschauer. Regisseur und Drehbuchautor Wolfgang Petersen produzierte ursprünglich zwei Versionen von „Das Boot“: eine zweieinhalbstündige Kinoversion und eine sechsstündige deutsche TV-Mini-Serie. Im Jahr 1997 folgte eine überarbeitete Fassung als Director's Cut, die fast neunzig Minuten zusätzliches Filmmaterial enthielt und den Film noch spannender und beeindruckender machte.</synopsis></p>	<p>Synopsis (required, 1-4000 bytes)</p> <p>The general summary of the film's content and story line in the language specified in the <language> tag (the default language).</p> <p>This example shows a German film; the default title and synopsis will appear in this language.</p>
---	---

<locales>	<p>Locales (<i>optional</i>)</p> <p>Provides a mechanism to specify regional and language variations for film title and synopsis.</p>
<locale name="fr-FR">	<p>Locale Name (<i>optional</i>)</p> <p>Identifies both a language and the specific location where the language is spoken.</p> <p>Because this film will be available in two territories (France and the United States), two locales are specified to localize the title and synopsis in French and US English.</p> <p>See “Multiple-Language Film Metadata Annotated” (page 53) for a complete explanation.</p>
<title>Le Bateau</title>	<p>Title (<i>required, 1-255 bytes</i>)</p> <p>The localized name of this film for the locale specified.</p>

<p><synopsis>Le Bateau est l'un des films de guerre les plus réalistes et les plus captivants jamais réalisés. Basé sur l'œuvre autobiographique de Lothar-Günther Buchheim, photographe allemand de la 2e guerre mondiale, le film relate la vie d'un intrépide capitaine de sous-marin (Jürgen Prochnow) et de son jeune équipage tandis qu'ils parcourent l'Atlantique et la Méditerranée à la recherche de vaisseaux alliés. La puissance du film repose essentiellement sur ses scènes de batailles épiques et fascinantes et sur le récit des heures interminables passées à attendre les ordres ou le signe d'une présence ennemie. À l'exception d'un jeune lieutenant hitlérien, aucun membre de l'équipage du sous-marin n'est particulièrement fidèle aux Nazis, certains sont même ouvertement hostiles au Führer. Cela ne manque pas de faire naître la sympathie pour ces hommes qui font leur devoir difficile et monotone dans des quartiers aussi exigües que crasseux, ou qui guettent la mort lorsque le sous-marin se retrouve cerné par des charges explosives. Prochnow est excellent dans son rôle de commandant aux nerfs d'acier et les rôles secondaires (tous tenus pas des allemands) sont tout aussi convaincants, même si l'incarnation frise souvent les clichés du film de guerre (le jeune matelot qui laisse derrière lui sa petite amie enceinte ou l'ingénieur en chef dont la femme est atteinte d'une maladie grave). Le génie du film naît également du cinéaste Jost Vacano, qui donne vie à ce macabre huis-clos en suivant de sa caméra les membres d'équipage à travers d'interminables écoutilles, échelles, couchettes et conduits en tous genres, créant un sentiment insurmontable de claustrophobie et de mouvement perpétuel. Monté à l'origine par l'écrivain et réalisateur Wolfgang Petersen dans un format cinéma de 2 heures 30 et sous la forme d'une mini-série de 6 heures pour la télévision allemande, Le Bateau est sorti dans une nouvelle version restaurée en 1997 avec environ une heure de plans ajoutés pour un suspense encore plus insoutenable.</synopsis></p>	<p>Synopsis (required, 1-4000 bytes) The localized general summary of the film's content and story line for the locale specified.</p>
<p></locale> </locales></p>	

<pre> <chapters> <timecode_format>24/1: 1/nonDrop</timecode_format> <chapter> <start_time>00: 00:00: 00</start_time> <titles> <title locale="de-DE">Feindkontakt</title> <title locale="fr-FR">Le second moteur à propulsion</title> <title locale="en-US">Second Propeller Sounds</title> </titles> <artwork_file> <file_name>chapter01.jpg</file_name> <size>754938</size> <checksum type="md5"> ed93d0f3224a353a4cc8d4175d645130</checksum> </artwork_file> </chapter> </chapters> </pre>	<p>Localized Chapter Titles (<i>optional; 1-255 bytes; can be updated</i>)</p> <p>Titles of the chapters, one for each locale.</p> <p>In this example, three titles are provided: one for French, one for German, and one for English.</p> <p>Because three titles are being provided, the titles must be enclosed by the <code><titles></titles></code> tags.</p> <p>For tag details, see “Basic Film Metadata Annotated” (page 18).</p>
<pre> </video> </package> </pre>	

French Film Metadata Example

Below is an example metadata.xml for a film in French that can be sold in France, Germany, and the US.

The actors are speaking in French and the film source contains French audio. This film has burned-in subtitles in US English. Alternative audio files are not included.

```

<?xml version="1.0" encoding="UTF-8"?>
<package xmlns="http://apple.com/itunes/importer" version="film4.3">
  <provider>Miramax</provider>
  <language>fr-FR</language>
  <video>
    <type>film</type>
    <subtype>feature</subtype>
    <vendor_id>0064020000</vendor_id>
    <isdn>0000-0000-88FC-0000-6-0000-0000-J</isdn>
    <upc>0064020000</upc>
    <amg_video_id>V 244109</amg_video_id>
    <country>FR</country>
    <original_spoken_locale>fr-FR</original_spoken_locale>
    <title>Le Fabuleux Destin d'Amélie Poulain</title>
    <synopsis>Dans cette comédie romantique pleine de charme du réalisateur
Jean-Pierre Jeunet, une femme décide de changer le monde en commençant par changer la

```

vie des gens qu'elle connaît. La jeune Amélie (Audrey Tautou) grandit isolée des autres enfants car son taciturne docteur de père lui diagnostique à tort une maladie cardiaque. Elle passe donc la plupart de son enfance dans sa chambre où elle développe une imagination débordante. Sa mère Amandine (Lorella Cravotta) meurt d'un effroyable accident lorsqu'Amélie n'a que huit ans et son père Raphaël (Rufus) ne la touche jamais en dehors des examens médicaux, d'où l'emballage de son pouls lorsqu'il le mesure. Malgré tout, Amélie est aujourd'hui une jeune femme séduisante et en bonne santé, de nature romantique et fantasque. Lorsque la princesse Diana meurt dans un accident de voiture au cours de l'été 97, Amélie réalise que la vie ne tient qu'à un fil et décide qu'il est temps pour elle d'intervenir dans la vie de ceux qui l'entourent, en espérant apporter une once de bonheur à ses voisins et aux habitués du café dans lequel elle travaille. Amélie commence par réunir deux solitaires : Georgette (Isabelle Nanty), une buraliste hypochondriaque et Joseph (Dominique Pinon), un client particulièrement grincheux. Lorsqu'Amélie découvre une boîte remplie de vieux jouets dans son appartement, elle la rapporte à son ancien propriétaire, Monsieur Bretodeau (Maurice Bénichou) pour lui rappeler ses rêves d'enfant. Elle se lie d'amitié avec Dufayel (Serge Merlin), un vieil artiste qui vit dans un appartement où tout est capitonné car ses os sont si fragiles qu'ils cassent comme du verre. Amélie décide aussi d'intervenir dans la vie de Nino (Mathieu Kassovitz), un employé de sex shop et de fête foraine qui collectionne les photos d'identité jetées sous les photomaton de Paris. Le Fabuleux Destin D'Amélie Poulain reçut un accueil unique lors de sa première française au printemps 2001, ainsi qu'à sa soirée de projection spéciale au Festival du Film de Cannes la même année.</synopsis>

<locales>

<locale name="de-DE">

<title>Die fabelhafte Welt der Amélie</title>

<synopsis>In diesem charmanten, romantischen und witzigen Kinomärchen von Regisseur Jean-Pierre Jeunet beschließt eine junge Frau, die Welt zu verändern, indem sie in das Leben der Menschen in ihrem Umfeld eingreift. Amélie (Audrey Tautou) ist eine junge Frau mit einer sehr ungewöhnlichen Kindheit. Wegen eines fälschlicherweise diagnostizierten Herzfehlers darf Amélie nicht zur Schule gehen und verbringt deshalb die meiste Zeit isoliert in ihrem Zimmer, wo sie eine überbordende Vorstellungskraft entwickelt und sich immer mehr in die von ihr geschaffene Fantasiewelt zurückzieht. Als Amélie acht Jahre alt ist, stirbt ihre Mutter Amandine (Lorella Cravotta) bei einem absurden Unfall. Ihr Vater Raphael (Rufus) distanziert sich immer mehr von ihr, da er der Überzeugung ist, dass seine Gegenwart die Ursache für Amélies Herzerasen ist. Trotz dieser Umstände wird aus Amélie eine gesunde und hübsche junge Frau mit skurrilem und romantischem Naturell, die als Kellnerin in einem Café arbeitet. Der Unfalltod von Prinzessin Diana im Sommer 1997 macht Amélie bewusst, wie flüchtig das Leben ist, und sie beschließt, dass es an der Zeit ist, sich in das Leben ihrer Mitmenschen einzumischen. Deshalb nimmt sie sich vor, ihre Nachbarn und die Stammgäste des Cafés glücklich zu machen. Ihre erste gute Tat besteht darin, zwei einsame Herzen zusammenzubringen: Georgette (Isabelle Nanty), eine stark hypochondrische Tabakwarenverkäuferin, und Joseph (Dominique Pinon), einen ihrer besonders übellaunigen Stammgäste. Ein kleines Kästchen mit altem Spielzeug, das Amélie zufällig in ihrer Wohnung findet, bringt sie dem früheren Besitzer Monsieur Bretodeau (Maurice Benichou) zurück, den sie damit auf eine Traumreise in seine Kindheit schickt. Amélie freundet sich mit ihrem Nachbarn Dufayel (Serge Merlin) an, einem älteren Künstler, dessen Knochen aufgrund einer seltenen Krankheit so zerbrechlich sind, dass alles in seiner Wohnung zu seinem Schutz gepolstert ist. Und sie beschließt, dass sich jemand um den einsamen Nino (Mathieu Kassovitz) kümmern muss, der an der Kasse einer Porno-Videothek arbeitet, gelegentlich als Gespenst in einer Geisterbahn jobbt und Fotos aus Passbildautomaten in Paris sammelt, die andere dort liegengelassen haben. Schon vor der offiziellen französischen Premiere des Films im Frühjahr 2001 erhielt „Die fabelhafte Welt der Amélie“ euphorische Kritiken und wurde im selben Jahr auch vom Publikum bei einer Sonderveranstaltung am Rande der Internationalen Filmfestspiele von Cannes begeistert aufgenommen.</synopsis>

</locale>

<locale name="en-US">

Multiple Language Film Profile

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<title>Amélie</title>
<synopsis>One woman decides to change the world by changing the lives
of the people she knows in this charming and romantic comic fantasy from director
Jean-Pierre Jeunet. Amélie (Audrey Tautou) is a young woman who had a decidedly unusual
childhood; misdiagnosed with an unusual heart condition, Amélie didn't attend school
with other children, but spent most of her time in her room, where she developed a keen
imagination and an active fantasy life. Her mother Amandine (Lorella Cravotta) died in
a freak accident when Amélie was eight, and her father Raphaël (Rufus) had limited
contact with her, since his presence seemed to throw her heart into high gear. Despite
all this, Amélie has grown into a healthy and beautiful young woman who works in a cafe
and has a whimsical, romantic nature. When Princess Diana dies in a car wreck in the
summer of 1997, Amélie is reminded that life can be fleeting and she decides it's time
for her to intervene in the lives of those around her, hoping to bring a bit of happiness
to her neighbors and the regulars at the cafe. Amélie starts by bringing together two
lonely people -- Georgette (Isabelle Nanty), a tobacconist with a severe case of
hypochondria, and Joseph (Dominique Pinon), an especially ill-tempered customer. When
Amélie finds a box of old toys in her apartment, she returns them to their former owner,
Mr. Bretodeau (Maurice Benichou), sending him on a reverie of childhood. Amélie befriends
Dufayel (Serge Merlin), an elderly artist living nearby whose bones are so brittle,
thanks to a rare disease, that everything in his flat must be padded for his protection.
And Amélie decides someone has to step into the life of Nino (Mathieu Kassovitz), a
lonely adult video store clerk and part-time carnival spook-show ghost who collects
pictures left behind at photo booths around Paris. Le Fabuleux Destin D'Amélie Poulain
received unusually enthusiastic advance reviews prior to its French premiere in the
spring of 2001, and was well received at a special free screening at that year's Cannes
Film Festival.</synopsis>
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  <rating system="de-fsk">ab 16 Jahren</rating>
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billing="top">Amélie</actor>
  <actor name="Kassovitz, Mathieu" display="Mathieu Kassovitz" amg_artist_id="P
37013" billing="top">Nino Quincampoix</actor>

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        <actor name="Rufus" display="Rufus" amg_artist_id="P 62077"
billing="top">Raphael Poulain</actor>
        <actor name="Yolande, Moreau" display="Yolande Moreau" amg_artist_id="P
50496" billing="top">Madeleine Wallace</actor>
        <actor name="de Penguern, Artus" display="Artus de Penguern" amg_artist_id="P
17932" billing="top">Hipolito</actor>
        <actor name="Cancelier, Urbain" display="Urbain Cancelier">Collignon</actor>
        <actor name="Pinon, Dominique" display="Dominique Pinon" amg_artist_id="P
56900">Joseph</actor>
    </cast>
    <crew>
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amg_artist_id="P 199452" billing="top">Director</member>
        <member name="Ossard, Claudie" display="Claudie Ossard" amg_artist_id="P
105238" billing="top">Producer</member>
        <member name="Meerkamp Van Embden, Arne" display="Arne Meerkamp Van Embden"
amg_artist_id="P 320229" billing="top">Producer</member>
        <member name="Laurant, Guillaume" display="Guillaume Laurant"
amg_artist_id="P 320229" billing="top">Screenwriter</member>
        <member name="Laurant, Guillaume" display="Guillaume Laurant"
amg_artist_id="P 320229" billing="top">Dialogue Writer</member>
        <member name="Delbonnel, Bruno" display="Bruno Delbonnel" amg_artist_id="P
301575">Cinematographer</member>
    </crew>
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                <title locale="de-DE">Amélies Kindheit</title>
                <title locale="en-US">Amélie's Childhood</title>
            </titles>
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  </asset>
<!-- German Trailer -->
  <asset type="preview">
    <territories>
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    </territories>
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```

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<!-- German Poster Art -->
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French Film Metadata Example Annotated

Only certain tags specific to this example are described to help clarify how to use the tags. For complete explanations of all the tags, see [“Multiple-Language Film Metadata Annotated”](#) (page 53).

<pre> <?xml version="1.0" encoding="UTF-8"?> <package xmlns="http://apple.com/itunes/importer" version="film4.3"> <provider>Miramax</provider> </pre>	
<pre> <language>fr-FR</language> </pre>	<p>Language (required)</p> <p>The language of the metadata at the default level.</p> <p>This example shows a French film; the default title and synopsis will appear directly under the <code><video></code> tag in this language (<code>fr-FR</code>). Localized titles and synopses appear under a <code><locale></code> tag. In this example, the localized titles and synopses are in German and US English.</p> <p>See “Multiple-Language Film Metadata Annotated” (page 53) for a complete explanation.</p>

<pre><video> <original_spoken_locale>fr-FR </original_spoken_locale></pre>	<p>Original Spoken Locale Language (<i>optional</i>)</p> <p>Specifies the language spoken by the actors in the film.</p> <p>In this example, the actors are speaking in Parisian French.</p> <p>Note: This tag is different from the <code><language></code> tag. <code><original_spoken_locale></code> is the language the actors are seen speaking in. <code><language></code> is the language used for the metadata at the default level.</p>
<pre><title>Le Fabuleux Destin d'Amélie Poulain</title></pre>	<p>Title (<i>required, 1-255 bytes</i>)</p> <p>The title of the film in the language specified in the <code><language></code> tag (the default language).</p> <p>This example shows a French film; the default title and synopsis will appear in this language.</p>

<p><synopsis>Dans cette comédie romantique pleine de charme du réalisateur Jean-Pierre Jeunet, une femme décide de changer le monde en commençant par changer la vie des gens qu'elle connaît. La jeune Amélie (Audrey Tautou) grandit isolée des autres enfants car son taciturne docteur de père lui diagnostique à tort une maladie cardiaque. Elle passe donc la plupart de son enfance dans sa chambre où elle développe une imagination débordante. Sa mère Amandine (Lorella Cravotta) meurt d'un effroyable accident lorsqu'Amélie n'a que huit ans et son père Raphaël (Rufus) ne la touche jamais en dehors des examens médicaux, d'où l'emballage de son pouls lorsqu'il le mesure. Malgré tout, Amélie est aujourd'hui une jeune femme séduisante et en bonne santé, de nature romantique et fantasque. Lorsque la princesse Diana meurt dans un accident de voiture au cours de l'été 97, Amélie réalise que la vie ne tient qu'à un fil et décide qu'il est temps pour elle d'intervenir dans la vie de ceux qui l'entourent, en espérant apporter une once de bonheur à ses voisins et aux habitués du café dans lequel elle travaille. Amélie commence par réunir deux solitaires : Georgette (Isabelle Nanty), une buraliste hypochondriaque et Joseph (Dominique Pinon), un client particulièrement grincheux. Lorsqu'Amélie découvre une boîte remplie de vieux jouets dans son appartement, elle la rapporte à son ancien propriétaire, Monsieur Bretodeau (Maurice Bénichou) pour lui rappeler ses rêves d'enfant. Elle se lie d'amitié avec Dufayel (Serge Merlin), un vieil artiste qui vit dans un appartement où tout est capitonné car ses os sont si fragiles qu'ils cassent comme du verre. Amélie décide aussi d'intervenir dans la vie de Nino (Mathieu Kassovitz), un employé de sex shop et de fête foraine qui collectionne les photos d'identité jetées sous les photomaton de Paris. Le Fabuleux Destin D'Amélie Poulain reçut un accueil unique lors de sa première française au printemps 2001, ainsi qu'à sa soirée de projection spéciale au Festival du Film de Cannes la même année.</synopsis></p>	<p>Synopsis (required, 1-4000 bytes)</p> <p>The general summary of the film's content and story line in the language specified in the <language> tag (the default language).</p> <p>This example shows a French film; the default title and synopsis will appear in this language.</p>
<p><locales></p>	<p>Locales (optional)</p> <p>Provides a mechanism to specify regional and language variations for film title and synopsis.</p>

<pre><locale name="de-DE"></pre>	<p>Locale Name (<i>optional</i>)</p> <p>Identifies both a language and the specific location where the language is spoken.</p> <p>Because this film will be available in both Germany and the United States, two locales are specified to localize the title and synopsis in German and US English.</p> <p>See “Multiple-Language Film Metadata Annotated” (page 53) for a complete explanation.</p>
<pre><title>Die fabelhafte Welt der Amélie</title></pre>	<p>Title (<i>required, 1-255 bytes</i>)</p> <p>The localized name of this film for the locale specified.</p>

<p><synopsis>In diesem charmanten, romantischen und witzigen Kinomärchen von Regisseur Jean-Pierre Jeunet beschließt eine junge Frau, die Welt zu verändern, indem sie in das Leben der Menschen in ihrem Umfeld eingreift. Amélie (Audrey Tautou) ist eine junge Frau mit einer sehr ungewöhnlichen Kindheit. Wegen eines fälschlicherweise diagnostizierten Herzfehlers darf Amélie nicht zur Schule gehen und verbringt deshalb die meiste Zeit isoliert in ihrem Zimmer, wo sie eine überbordende Vorstellungskraft entwickelt und sich immer mehr in die von ihr geschaffene Fantasiewelt zurückzieht. Trotz dieser Umstände wird aus Amélie eine gesunde und hübsche junge Frau mit skurrilem und romantischem Naturell, die als Kellnerin in einem Café arbeitet. Der Unfalltod von Prinzessin Diana im Sommer 1997 macht Amélie bewusst, wie flüchtig das Leben ist, und sie beschließt, dass es an der Zeit ist, sich in das Leben ihrer Mitmenschen einzumischen. Deshalb nimmt sie sich vor, ihre Nachbarn und die Stammgäste des Cafés glücklich zu machen. Amélie freundet sich mit ihrem Nachbarn Dufayel (Serge Merlin) an, einem älteren Künstler, dessen Knochen aufgrund einer seltenen Krankheit so zerbrechlich sind, dass alles in seiner Wohnung zu seinem Schutz gepolstert ist. Und sie beschließt, dass sich jemand um den einsamen Nino (Mathieu Kassovitz) kümmern muss, der an der Kasse einer Porno-Videothek arbeitet, gelegentlich als Gespenst in einer Geisterbahn jobbt und Fotos aus Passbildautomaten in Paris sammelt, die andere dort liegengelassen haben. Schon vor der offiziellen französischen Premiere des Films im Frühjahr 2001 erhielt „Die fabelhafte Welt der Amélie“ euphorische Kritiken und wurde im selben Jahr auch vom Publikum bei einer Sonderveranstaltung am Rande der Internationalen Filmfestspiele von Cannes begeistert aufgenommen.</synopsis></p>	<p>Synopsis (required, 1-4000 bytes) The localized general summary of the film's content and story line for the locale specified.</p>
<p></locale> </locales></p>	

<pre> <chapters> <timecode_format>24/1:1/nonDrop </timecode_format> <chapter> <start_time>00: 00:00: 00</start_time> <titles> <title locale="fr-FR">L'enfance d'Amélie</title> <title locale="de-DE">Amélie's Kindheit</title> <title locale="en-US">Amélie's Childhood</title> </titles> <artwork_file> <file_name>chapter01.jpg</file_name> <checksum type="md5"> ed93d0f3224a353a4cc8d4175d645130</checksum> <size>6748922</size> </artwork_file> </chapter> </chapters> </pre>	<p>Localized Chapter Titles (<i>optional; 1-255 bytes; can be updated</i>)</p> <p>Titles of the chapters, one for each locale.</p> <p>In this example, three titles are provided: one for French, one for German, and one for English.</p> <p>Because three titles are being provided, the titles must be enclosed by the <titles></titles> tags.</p> <p>For tag details, see “Basic Film Metadata Annotated” (page 18).</p>
<pre> <assets> <asset type="full"> </pre>	
<pre> <data_file role="source"> <locale name="fr-FR"/> <file_name>0064020000-source.mov</file_name> <size>2595225600</size> <checksum type="md5"> 2a793a8b46037fe8aa29dd739b49911a</checksum> <attribute name="crop.top">80 </attribute> <attribute name="crop.bottom">80 </attribute> <attribute name="crop.left">50 </attribute> <attribute name="crop.right">50 </attribute> </data_file> </pre>	<p>Locale Name (<i>required for full source, preview source, and audio</i>)</p> <p>Identifies the language that is spoken in the audio on the source asset.</p> <p>In this example, the audio on the source is Parisian French.</p>

<pre><attribute name="image.burned_subtitles.locale"> en-US</attribute> </data_file></pre>	<p>Localized Subtitles (<i>optional</i>)</p> <p>Specifies that the video includes burned-in subtitles and indicates the language of the subtitles. Note that this includes only the subtitles, and not title sequences, credits, or narrative text.</p> <p>In this example, the burned-in subtitles are in US English.</p>
<pre></asset> ... </assets></pre>	
<pre>..... </video> </package></pre>	

US Film Sold Only in Germany Metadata Example

Below is an example metadata.xml for a dubbed US film that is to be sold only in Germany.

The actors are seen speaking in English, but the dubbed audio is German. As a result, the actors' lips do not match the audio. The film does not have burned-in subtitles.

```
<?xml version="1.0" encoding="UTF-8"?>
<package xmlns="http://apple.com/itunes/importer" version="film4.3">
  <provider>Paramount</provider>
  <language>de-DE</language>
  <video>
    <type>film</type>
    <subtype>feature</subtype>
    <vendor_id>09736156444</vendor_id>
    <isan>0000-0000-03B6-0000-0-0000-0000-2</isan>
    <upc>09736156444</upc>
    <amg_video_id>V 131221</amg_video_id>
    <country>US</country>
    <original_spoken_locale>en-US</original_spoken_locale>
    <title>Forrest Gump</title>
    <synopsis>&quot;Dumm ist der, der Dummes tut,&quot; sagt Forrest Gump (gespielt
von Tom Hanks der dafür einen Oscar bekam), als er mit Fremden an der Bushaltestelle
über sein relatives Intelligenzniveau spricht. Trotz seines unterdurchschnittlichen IQs
führt Gump ein wahrlich bezauberndes Leben und erlebt viele der unvergesslichen
Ereignisse der zweiten Hälfte des 20. Jahrhunderts hautnah. Ohne es darauf angelegt zu
haben, bringt Forrest Elvis Presley seinen Tanzstil bei, wird Football-Star, trifft
John F. Kennedy, dient ehrenhaft in Vietnam, trifft Lyndon Johnson, spricht bei einer
Anti-Kriegs-Kundgebung am Washington Monument, verbringt seine Zeit mit Yuppies, schlägt
die chinesische Nationalmannschaft im Tischtennis, trifft Richard Nixon, entdeckt den
Watergate-Einbruch, eröffnet ein profitables Shrimp-Unternehmen, wird der ursprüngliche
Investor von Apple Computer und beschließt, mehrere Jahre kreuz und quer durch das Land
zu laufen. Während all dieser Zeit vergisst Forrest jedoch nie Jenny (Robin Wright
Penn), das Mädchen, das er als Junge geliebt hat und die ihrerseits ihre Reise durch
die turbulente Zeit der 60er und 70er Jahre macht. Diese verläuft allerdings viel
```

unruhiger als die von Forrest. Mit dabei sind neben Tom Hanks Sally Field als Forrests Mutter, Gary Sinise als sein befehlshabender Offizier in Vietnam, Mykelti Williamson als sein vom Pech verfolgter Armee-Kumpel, der jedes Rezept kennt, das Shrimps enthält sowie die Special-Effects-Künstler, deren digitale Magie Forrest inmitten einer beachtlichen Reihe historischer Ereignisse und Menschen platziert.</synopsis>

```

    <genres>
      <genre>Comedy</genre>
      <genre>Drama</genre>
    </genres>
    <ratings>
      <rating system="de-fsk">ab 12 Jahren</rating>
    </ratings>
    <cast>
      <actor name="Hanks, Tom" display="Tom Hanks" amg_artist_id="P 93341"
billing="top">Forrest Gump</actor>
      <actor name="Penn, Robin Wright" display="Robin Wright Penn" amg_artist_id="P
77633" billing="top">Jenny Curran</actor>
      <actor name="Sinise, Gary" display="Gary Sinise" amg_artist_id="P111667"
billing="top">Lt. Dan Taylor</actor>
      <actor name="Williamson, Mykelti" display="Mykelti Williamson"
amg_artist_id="P 76595" billing="top">Bubba Blue</actor>
      <actor name="Field, Sally" display="Sally Field" amg_artist_id="P 89714"
billing="top">Mrs. Gump</actor>
      <actor name="Humphreys, Michael Conner" display="Michael Conner
Humphreys">Young
Forrest</actor>
      <actor name="Hall, Hanna R." display="Hanna R. Hall">Young Jenny
Curran</actor>
    </cast>
    <crew>
      <member name="Zemeckis, Robert" display="Robert Zemeckis"
amg_artist_id="P117906" billing="top">Director</member>
      <member name="Starkey, Steve" display="Steve Starkey" amg_artist_id="P112522"
billing="top">Producer</member>
      <member name="Starkey, Steve" display="Steve Starkey" amg_artist_id="P112522"
billing="top">First Assistant Director</member>
    </crew>
<!-- German Inline Chaptering -->
    <chapters>
      <timecode_format>24/1:1/nonDrop</timecode_format>
      <chapter>
        <start_time>00:00:00:00</start_time>
        <titles>
          <title locale="en-US">Forrest's Story Begins</title>
          <title locale="de-DE">Die Geschichte von Forrest beginnt</title>
        </titles>
        <artwork_file>
          <file_name>6748922chapter01.jpg</file_name>
          <checksum type="md5">ed93d0f3224a353a4cc8d4175d645130</checksum>
          <size>6748922</size>
        </artwork_file>
      </chapter>
      <chapter>
        <start_time>00:07:45:23</start_time>
        <titles>
          <title locale="en-US">Football at Alabama</title>
          <title locale="de-DE">Fußball an Alabama</title>
        </titles>

```

```

        <artwork_file>
            <file_name>chapter02.jpg</file_name>
            <checksum type="md5">86bed7ef05c34c1e85345f40d11137a9</checksum>
            <size>848922</size>
        </artwork_file>
    </chapter>
<!-- Additional chapters here. -->
</chapters>
<assets>
<!-- Source Video -->
    <asset type="full">
        <data_file role="source">
            <locale name="en-US"/>
            <file_name>09736156444-source.mov</file_name>
            <size>2595225600</size>
            <checksum type="md5">2a793a8b46037fe8aa29dd739b49911a</checksum>
            <attribute name="crop.top">80</attribute>
            <attribute name="crop.bottom">80</attribute>
            <attribute name="crop.left">50</attribute>
            <attribute name="crop.right">50</attribute>
        </data_file>
<!-- Dubbed German Audio -->
        <data_file role="audio">
            <locale name="de-DE"/>
            <file_name>audio_DE.mov</file_name>
            <checksum type="md5">9df86c3e43e7b43ddeabb2ddfe4b8a42</checksum>
            <size>4916659</size>
        </data_file>
        <data_file role="captions">
            <file_name>09736156444-english.scc</file_name>
            <size>9511</size>
            <checksum type="md5">5a793a8b46037fe8aa2bdd739b49911a</checksum>
        </data_file>
    </asset>
<!-- World Trailer. Will be used where a territory-specific trailer has not been provided.
-->
    <asset type="preview">
        <territories>
            <territory>WW</territory>
        </territories>
        <data_file role="source">
            <locale name="de-DE"/>
            <file_name>09736156444-preview.mov</file_name>
            <size>9987212</size>
            <checksum type="md5">739b43b793a8b46037fe8aa29dd9911e</checksum>
            <attribute name="crop.top">80</attribute>
            <attribute name="crop.bottom">80</attribute>
            <attribute name="crop.left">50</attribute>
            <attribute name="crop.right">50</attribute>
        </data_file>
    </asset>
<!-- German Trailer -->
    <asset type="preview">
        <territories>
            <territory>DE</territory>
        </territories>
        <data_file role="source">
            <locale name="de-DE"/>

```

```

        <file_name>09736156444-DE-preview.mov</file_name>
        <size>9986311</size>
        <checksum type="md5">a8b46039b43b793a29dd9911e37fe8a7</checksum>
        <attribute name="crop.top">80</attribute>
        <attribute name="crop.bottom">80</attribute>
        <attribute name="crop.left">50</attribute>
        <attribute name="crop.right">50</attribute>
    </data_file>
</asset>
<!-- World Poster Art. Will be used where territory-specific poster art has not been
provided -->
    <asset type="artwork">
        <territories>
            <territory>WW</territory>
        </territories>
        <data_file>
            <file_name>09736156444.jpg</file_name>
            <checksum type="md5">43e7dddfe4b8ab433ede429df86cabb2</checksum>
            <size>6591649</size>
        </data_file>
    </asset>
<!-- German Poster Art -->
    <asset type="artwork">
        <territories>
            <territory>DE</territory>
        </territories>
        <data_file>
            <file_name>09736156444_DE.jpg</file_name>
            <checksum type="md5">a429df86ce7ddedfe4b8abb433e43b2</checksum>
            <size>6591458</size>
        </data_file>
    </asset>
</assets>
<products>
    <product>
        <territory>DE</territory>
        <cleared_for_sale>true</cleared_for_sale>
        <wholesale_price_tier>3</wholesale_price_tier>
        <preorder_sales_start_date>2006-03-10</preorder_sales_start_date>
        <sales_start_date>2006-04-12</sales_start_date>
        <cleared_for_vod>true</cleared_for_vod>
        <vod_type>New Release</vod_type>
        <available_for_vod_date>2007-12-12</available_for_vod_date>
        <unavailable_for_vod_date>2008-12-12</unavailable_for_vod_date>
        <physical_release_date>2007-09-01</physical_release_date>
    </product>
</products>
</video>
</package>

```

US Film Sold Only in Germany Metadata Annotated

Only certain tags specific to this example are described to help clarify how to use the tags. For complete explanations of all the tags, see [“Multiple-Language Film Metadata Annotated”](#) (page 53).

<pre><?xml version="1.0" encoding="UTF-8"?> <package xmlns="http://apple.com/itunes/ importer" version="film4.3"> <provider>Paramount</provider></pre>	
<pre><language>de-DE</language></pre>	<p>Language (<i>required</i>)</p> <p>The language of the metadata at the default level.</p> <p>Because this film will be sold only in Germany, the metadata (title and synopsis) is delivered in German; no other languages are needed.</p> <p>See “Multiple-Language Film Metadata Annotated” (page 53) for a complete explanation.</p>
<pre><video> <original_spoken_locale>en-US </original_spoken_locale></pre>	<p>Original Spoken Locale Language (<i>optional</i>)</p> <p>Specifies the language spoken by the actors in the film.</p> <p>In this example, the actors are speaking in English and there is an alternate audio for a dubbed German audio track.</p> <p>Note: This tag is different from the <code><language></code> tag. <code><original_spoken_locale></code> is the language the actors are seen speaking in. <code><language></code> is the language used for the metadata at the default level.</p>
<pre><title>Forrest Gump</title></pre>	<p>Title (<i>required, 1-255 bytes</i>)</p> <p>The title of the film in the language specified in the <code><language></code> tag (the default language).</p> <p>Even though this film is in US English, it will be sold only in Germany. The specified default language is de-DE; the default title will appear in this language.</p>

<p><synopsis>&quot;Dumm ist der, der Dummes tut.&quot; sagt Forrest Gump (gespielt von Tom Hanks der dafür einen Oscar bekam), als er mit Fremden an der Bushaltestelle über sein relatives Intelligenzniveau spricht. Trotz seines unterdurchschnittlichen IQs führt Gump ein wahrlich bezauberndes Leben und erlebt viele der unvergesslichen Ereignisse der zweiten Hälfte des 20.Jahrhunderts hautnah. Ohne es darauf angelegt zu haben, bringt Forrest Elvis Presley seinen Tanzstil bei, wird Football-Star, trifft John F. Kennedy, dient ehrenhaft in Vietnam, trifft Lyndon Johnson, spricht bei einer Anti-Kriegs-Kundgebung am Washington Monument, verbringt seine Zeit mit Yippies, schlägt die chinesische Nationalmannschaft im Tischtennis, trifft Richard Nixon, entdeckt den Watergate-Einbruch, eröffnet ein profitables Shrimp-Unternehmen, wird der ursprüngliche Investor von Apple Computer und beschließt, mehrere Jahre kreuz und quer durch das Land zu laufen. Während all dieser Zeit vergisst Forrest jedoch nie Jenny (Robin Wright Penn), das Mädchen, das er als Junge geliebt hat und die ihrerseits ihre Reise durch die turbulente Zeit der 60er und 70er Jahre macht. Diese verläuft allerdings viel unruhiger als die von Forrest. Mit dabei sind neben Tom Hanks Sally Field als Forrests Mutter, Gary Sinise als sein befehlshabender Offizier in Vietnam, Mykelti Williamson als sein vom Pech verfolgter Armee-Kumpel, der jedes Rezept kennt, das Shrimps enthält sowie die Special-Effects-Künstler, deren digitale Magie Forrest inmitten einer beachtlichen Reihe historischer Ereignisse und Menschen platziert.</synopsis></p>	<p>Synopsis (required, 1-4000 bytes)</p> <p>The general summary of the film's content and story line in the language specified in the <language> tag (the default language).</p> <p>Even though this film is in US English, it will be sold only in Germany. The specified default language is de-DE; the default synopsis will appear in this language.</p>
<p>...</p>	

<pre> <chapters> <timecode_format>24/1:1/nonDrop </timecode_format> <chapter> <start_time>00: 00:00: 00</start_time> <titles> <title locale="en-US">Forrest's Story Begins</title> <title locale="de-DE">Die Geschichte von Forrest beginnt</title> </titles> ... </chapter> ... </chapters> </pre>	<p>Localized Chapter Titles (<i>optional; 1-255 bytes; can be updated</i>)</p> <p>Titles of the chapters, one for each locale.</p> <p>In this example, two titles are provided: one for English and one for German. Even though the film is available only in Germany, an English translation has been provided.</p> <p>Because two titles are being provided, the titles must be enclosed by the <titles></titles> tags.</p> <p>For tag details, see “Basic Film Metadata Annotated” (page 18).</p>
<pre> <assets> <asset type="full"> </pre>	
<pre> <data_file role="source"> <locale name="en-US"/> <file_name>09736156444-source.mov </file_name> <size>2595225600</size> ... </data_file> </pre>	<p>Locale Name (<i>required for full source, preview source, and audio</i>)</p> <p>Identifies the language that is spoken in the audio on the source asset.</p> <p>In this example, the audio on the source is US English. The source asset has not been localized, so the locale remains "en-US".</p>
<pre> <data_file role="audio"> <locale name="de-DE"/> <file_name>audio_DE.mov</file_name> <checksum type="md5"> 9df86c3e43e7b43ddeabb2ddfe4b8a42</checksum> <size>4916659</size> </pre>	<p>Localized Audio (<i>optional</i>)</p> <p>This is the alternate audio file for the dubbed German audio. The <original_spoken_locale> in this example is English--the actors are speaking in English. The alternate audio in this example is in German and does not match the movement of the actors' lips.</p> <p>The <locale> tag is required for localized audio assets.</p>

<pre> <asset type="preview"> <territories> <territory>DE</territory> </territories> <data_file role="source"> <locale name="de-DE"/> <file_name>09736156444-DE-preview.mov </file_name> <size>9986311</size> ... </data_file> </pre>	<p>Localized Preview Asset Source (<i>required</i>)</p> <p>The preview source data file contains the preview length video and audio streams.</p> <p>The locale for this preview is "de-DE" because it contains a German-language voiceover.</p> <p>For tag details, see "Basic Film Metadata Annotated" (page 18).</p>
<pre> </assets> </video> </package> </pre>	

Japanese Language Support

iTunes provides support for our Japanese customers with phonetic title fields in the metadata. Only Japanese films or non-Japanese films for sale in the Japanese iTunes Store can include phonetic title information.

Japanese Language Metadata Example

This example shows the optional additions to metadata for a film whose native language is Japanese that are for sale in English-speaking countries.

```

<?xml version="1.0" encoding="UTF-8"?>
<package xmlns="http://apple.com/itunes/importer" version="film4.3">
  <language>ja-JP</language>
  <provider>Toho</provider>
  <video>
    <title>千と千尋の神隠し</title>
    <phonetic_title>セン ト チヒロ ノ カミカクシ</phonetic_title>
    ...
  </video>
</package>

```

Japanese Language Metadata Annotated

Only the additions for Japanese language support are described.

<video>	
<pre><title>千と千尋の神隠し</title></pre>	<p>Title (<i>required, 1-255 bytes</i>)</p> <p>The name of this film for the <language> specified. This field stores the title in the native language (English for US, Japanese for Japan). For Japanese, this value can use a mixture of kanji, hiragana, katakana and other symbols.</p>
<pre><phonetic_title>セント ト チヒロ ノ カミカクシ </phonetic_title></pre>	<p>Phonetic Film Title (<i>optional</i>)</p> <p>The phonetic title tag (optional) provides the reading (furigana) of the film title in full-width katakana. If any meaningful separation units exist, they should be delimited using a space character. This phonetic information provides a better search experience for the user.</p> <p>Note: This tag is for Japanese phonetic titles only. Use this tag within the <video> tag when ja-JP is the specified <language> for the package. For example, use <phonetic_title> within the <video> tag to specify the phonetic title for Japanese native language films.</p> <p>There is a 255-byte limit strictly enforced. This is 255 7-bit characters (Roman alphabet) and as few as 71 characters if Unicode (e.g., Japanese) characters are used.</p>

Non-Japanese Language Metadata Example

This example shows the optional additions to metadata for non-Japanese language films that are for sale in the Japanese iTunes Store. The only difference between this and the previous example is that the "native" <language> is English and the phonetic title tag provides the translation of the English title in Katakana. Also, the <phonetic_title> tag is placed within a <locale> tag instead of directly under the <video> tag.

```
<?xml version="1.0" encoding="UTF-8"?>
<package xmlns="http://apple.com/itunes/importer" version="film4.3">
  <language>en-US</language>
  <provider>Miramax</provider>
  <video>
    <original_spoken_locale>en-US</original_spoken_locale>
    <title>Bridget Jones's Diary</title>
    ...
    <locales>
      <locale name="ja-JP">
        <title>ブリジット・ジョーンズの日記</title>
        <phonetic_title>ブリジット ジョーンズ ノ ニッキ</phonetic_title>
      </locale>
    </locales>
    ...
  </video>
</package>
```

Non-Japanese Language Metadata Example Annotated

<video>	
<locales>	<p>Locales (<i>optional</i>)</p> <p>Provides a mechanism to specify both regional and language variation for film title and synopsis.</p>
<locale name="ja-JP">	<p>Locale Name (<i>optional</i>)</p> <p>Identifies both a language and the specific location where the language is spoken.</p> <p>To specify a locale, use a dash character to combine a language designator with a region designator.</p> <p>iTunes follows the RFC4646 standard. See “Language Codes” (page 125) for a list of common codes. For more details on languages, see http://tools.ietf.org/html/rfc4646</p> <p>For a list of ISO 3166 alpha-2 codes, see http://www.iso.org/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/index.html.</p>
<title>ブリジット・ジョーンズの日記 </title>	<p>Title (<i>required, 1-255 bytes</i>)</p> <p>The localized name of this film for the locale specified.</p>
<phonetic_title>ブリジット ジョーンズ ノ ニッキ</phonetic_title>	<p>Phonetic Film Title (<i>optional</i>)</p> <p>The phonetic title tag (optional) provides the reading (furigana) of the film title in full-width katakana. If any meaningful separation units exist, they should be delimited using a space character. This phonetic information provides a better search experience for the user.</p> <p>Note: This tag is for Japanese phonetic titles only. Use this tag within the <video> tag when ja-JP is the specified <language> for the package. For example, use <phonetic_title> within the <video> tag to specify the phonetic title for Japanese native language films.</p> <p>There is a 255-byte limit strictly enforced. This is 255 7-bit characters (Roman alphabet) and as few as 71 characters if Unicode (e.g., Japanese) characters are used.</p>
</locale> </locales> </video>	

Concert Films Profile

Concert Films Overview

The changes and/or additions to the Film Profile that are required in order to deliver concert film content to the iTunes Store are outlined below. Cue sheets are required for concert films to be sold or rented outside the US.

The minimum length for concert film previews is 30 seconds; the maximum is 3 minutes.

Important: Sale of concert films is dependent on contracts. If you are unsure if you have a contract in place for sale of concert films, please contact your iTunes Technical Representative.

Concert Film Metadata Example

Below is an example metadata.xml file for the concert film *The Confessions Tour*.

```
<?xml version="1.0" encoding="UTF-8"?>
<package xmlns="http://apple.com/itunes/importer" version="film4.3">
  <provider>WarnerMusicGroup</provider>
  <language>en-US</language>
  <video>
    <type>film</type>
    <subtype>concert</subtype>
    <vendor_id>075993999976</vendor_id>
    <isdn>0000-0000-03B6-0000-0-0000-0000-2</isdn>
    <upc>075993999976</upc>
    <amg_video_id>V_382486</amg_video_id>
    <country>US</country>
    <title>The Confessions Tour</title>
    <synopsis>The Confessions Tour features songs from throughout the dance diva's
career but largely focuses on Confessions On A Dance Floor.</synopsis>
    <production_company>Warner Bros.</production_company>
    <copyright_cline>2006 Warner Bros. Records Inc.</copyright_cline>
    <theatrical_release_date>2007-01-23</theatrical_release_date>
    <genres>
      <genre>Concert Films</genre>
    </genres>
    <ratings>
      <rating system="mpaa" reason="Content contains adult
material.">Unrated</rating>
    </ratings>
    <artists>
      <artist>
        <name>Madonna</name>
      </artist>
    </artists>
  </video>
</package>
```

```

        <roles>
            <role>Performer</role>
        </roles>
        <primary>true</primary>
    </artist>
</artists>
<chapters>
    <timecode_format>24/1:1/nonDrop</timecode_format>
    <chapter>
        <start_time>00:00:00:00</start_time>
        <title>Future Lovers / I Feel Love</title>
        <artwork_file>
            <file_name>chapter01.jpg</file_name>
            <size>6591649</size>
            <checksum type="md5">ed93d0f3224a353a4cc8d4175d645130</checksum>
        </artwork_file>
    </chapter>
    <chapter>
        <start_time>00:08:27:23</start_time>
        <title>Like A Virgin</title>
        <artwork_file>
            <file_name>chapter02.jpg</file_name>
            <size>6591649</size>
            <checksum type="md5">86bed7ef05c34c1e85345f40d11137a9</checksum>
        </artwork_file>
    </chapter>
<!-- Additional chapters here. -->
</chapters>
<assets>
    <asset type="full">
        <data_file role="source">
            <locale name="en-US"/>
            <file_name>USWBV0700016_15384-source.mov</file_name>
            <size>2595225600</size>
            <checksum type="md5">2a793a8b46037fe8aa29dd739b49911a</checksum>
            <attribute name="crop.top">80</attribute>
            <attribute name="crop.bottom">80</attribute>
            <attribute name="crop.left">50</attribute>
            <attribute name="crop.right">50</attribute>
        </data_file>
        <data_file role="captions">
            <file_name>USWBV0700016_15384-english.scc</file_name>
            <size>9511</size>
            <checksum type="md5">5a793a8b46037fe8aa2bdd739b49911a</checksum>
        </data_file>
    </asset>
    <asset type="preview">
        <territories>
            <territory>WW</territory>
        </territories>
        <data_file role="source">
            <locale name="en-US"/>
            <file_name>USWBV0700016_15384-preview.mov</file_name>
            <size>9987212</size>
            <checksum type="md5">3b793a8b46037fe8aa29dd739b49911e</checksum>
            <attribute name="crop.top">80</attribute>
            <attribute name="crop.bottom">80</attribute>
            <attribute name="crop.left">50</attribute>

```

```

        <attribute name="crop.right">50</attribute>
    </data_file>
</asset>
<asset type="artwork">
    <territories>
        <territory>WW</territory>
    </territories>
    <data_file>
        <file_name>USWBV0700016.sca3.jpg</file_name>
        <size>6591649</size>
        <checksum type="md5">ddfe4b8ab433e43e7dde429df86cabb2</checksum>
    </data_file>
</asset>
</assets>
<products>
    <product>
        <territory>US</territory>
        <cleared_for_sale>true</cleared_for_sale>
        <wholesale_price_tier>203</wholesale_price_tier>
        <preorder_sales_start_date>2007-01-15</preorder_sales_start_date>
        <sales_start_date>2007-01-29</sales_start_date>
        <cleared_for_vod>true</cleared_for_vod>
        <vod_type>New Release</vod_type>
        <available_for_vod_date>2007-01-29</available_for_vod_date>
        <unavailable_for_vod_date>2008-11-12</unavailable_for_vod_date>
        <physical_release_date>2007-03-12</physical_release_date>
    </product>
</products>
<cue_sheet>
    <cue>
        <sequence_number>1</sequence_number>
        <time>
            <start_timecode>00:00:27</start_timecode>
            <duration>00:08:00</duration>
        </time>
        <title>Future Lovers / I Feel Love</title>
        <artists>
            <artist>
                <name>Madonna</name>
                <roles>
                    <role>Performer</role>
                    <role>Creator</role>
                </roles>
            </artist>
            <artist>
                <name>Ahmadzai, Miruais</name>
                <roles>
                    <role>Creator</role>
                </roles>
            </artist>
        </artists>
        <isrc>USWB10606544</isrc>
        <iswc>T-072.371.209-1</iswc>
        <copyright_cline>2006 Warner Bros. Records Inc.</copyright_cline>
        <copyright_pline>2006 Warner Bros. Records Inc.</copyright_pline>
        <usage>Featured</usage>
    </cue>
</cue>

```

```

<sequence_number>2</sequence_number>
<time>
  <start_timecode>00:08:27</start_timecode>
  <duration>00:04:13</duration>
</time>
<title>Like A Virgin</title>
<artists>
  <artist>
    <name>Madonna</name>
    <roles>
      <role>Performer</role>
    </roles>
  </artist>
  <artist>
    <name>Kelley, Thomas F.</name>
    <roles>
      <role>Creator</role>
    </roles>
  </artist>
  <artist>
    <name>Steinberg, William E.</name>
    <roles>
      <role>Creator</role>
    </roles>
  </artist>
</artists>
<isrc>USWB10606545</isrc>
<iswc>T-070.101.681-0</iswc>
<copyright_cline>2006 Warner Bros. Records Inc.</copyright_cline>
<copyright_pline>2006 Warner Bros. Records Inc.</copyright_pline>
<usage>Featured</usage>
</cue>
<cue>
  <sequence_number>3</sequence_number>
  <time>
    <start_timecode>00:12:40</start_timecode>
    <duration>00:04:53</duration>
  </time>
  <title>Jump</title>
  <artists>
    <artist>
      <name>Madonna</name>
      <roles>
        <role>Performer</role>
        <role>Creator</role>
      </roles>
    </artist>
    <artist>
      <name>Price, Stuart David</name>
      <roles>
        <role>Creator</role>
      </roles>
    </artist>
    <artist>
      <name>Henry, Joseph Lee</name>
      <roles>
        <role>Creator</role>
      </roles>
    </artist>
  </artists>

```

```

        </artist>
    </artists>
    <isrc>USWB10606546</isrc>
    <iswc>T-072.500.162-6</iswc>
    <copyright_cline>2006 Warner Bros. Records Inc.</copyright_cline>
    <copyright_pline>2006 Warner Bros. Records Inc.</copyright_pline>
    <usage>Featured</usage>
</cue>
</cue_sheet>
</video>
</package>

```

Concert Film Metadata Annotated

Only annotations for items added or changed for concert films are included. For complete annotations, see [“Basic Film Metadata Annotated”](#) (page 18).

<video>	Video (<i>required</i>) Begins the video element. Only one video element can be defined per film XML.
<subtype>concert</subtype>	Video Subtype (<i>required; can be updated</i>) This value indicates how Apple should represent this video in the iTunes Store. The only accepted value for concert films is video subtype “concert.”
<genres> <genre>Concert Films</genre> </genres>	Genre (<i>required, multiple allowed</i>) Concert films should use the “Concert Films” genre.
<ratings>	Ratings (<i>optional; can be updated</i>) You can specify one or more ratings for your concert film content. For complete details, see the Film Ratings section of this document.
<rating system="mpaa" reason="Content contains adult material.">Unrated</rating>	Rating (<i>required if content is rated; can be updated</i>) A valid rating from an accepted ratings system. More than one rating can be specified, but only one rating per ratings system is allowed. A complete listing of valid systems and values is located in “Table 1: Film Metadata Rating Systems Values” (page 121).
</ratings>	

<pre><artists> <artist> <name>Madonna</name> <roles> <role>Performer</role> </roles> <primary>true</primary> </artist> </artists></pre>	<p>Video Artists<i>(required)</i></p> <p>Name, primary status, and roles for each artist. In this context, "artist" may be any contributor including non-performing persons (e.g., producer), or groups (e.g., a band name). Individual artists should be listed separately and not grouped together (e.g., "Ella Fitzgerald", "Louis Armstrong" should be used instead of "Ella Fitzgerald and Louis Armstrong"), and individual members of a band may be listed (e.g., both "Harry Connick, Jr. Trio" (primary) and "Harry Connick, Jr." may be specified for an album).</p> <p>The role names must be in English in order to be imported into the Store, but the names will be localized if needed when displayed in the Store.</p> <p>Primary status indicates whether or not the video appears on the artist's video page in the Store. Typically, there are one or two primary (lead) artists and several supporting artists.</p> <p>Only primary artists are presently displayed with the video in the store, but other artists can be found through search or browse and lead to the video. Artist names will appear in the iTunes Store in the order in which they are specified in the provided metadata.</p> <p>There is a 255-byte limit strictly enforced. This is 255 7-bit characters (Roman alphabet) and as few as 71 characters if Unicode (e.g., Japanese) characters are used.</p>
<pre><cue_sheet></pre>	<p>Cue Sheet <i>(optional for U.S., otherwise required; can be updated)</i></p> <p>A list of music played in a concert film, music video, television episode, or film.</p> <p>Important: Cue sheets are required for publishing purposes if content will be for sale or rented outside of the United States. If content will only be sold in the U.S. market, then no cue sheet is required.</p>
<pre><cue></pre>	<p>Cue <i>(required)</i></p> <p>Encapsulates a musical element played in a concert film, music video, television episode or film. There can be multiple cue elements in a cue sheet.</p>
<pre><sequence_number>1</sequence_ number></pre>	<p>Sequence Number <i>(required)</i></p> <p>The order number for the musical element in the concert film, music video, television episode, or film. This value should be unique for each cue sheet.</p>
<pre><time></pre>	<p>Time <i>(required)</i></p> <p>The time element describes when musical elements appear in the production and their duration.</p>
<pre><start_timecode>00:00:27 </start_timecode></pre>	<p>Start Time-code <i>(optional)</i></p> <p>Specifies the start time of the musical element in the production.</p> <p>Important: The format of this field is HH:MM:SS (hours:minutes:seconds).</p>

<pre><duration>00:08:00</duration></pre>	<p>Duration<i>(required)</i></p> <p>Specifies the length of time the individual musical element featured within the production.</p> <p>Important: The format of this field is HH:MM:SS (hours:minutes:seconds).</p>
<pre></time></pre>	
<pre><title>Future Lovers / I Feel Love</title></pre>	<p>Title <i>(required)</i></p> <p>The title of the musical element. This tag should be used for titles based on ISO Latin-1 and Latin-2 language (i.e., English, French). For details for other languages, please refer to “Multiple Language Films” (page 47).</p> <p>There is a 255-byte limit strictly enforced. This is 255 7-bit characters (Roman alphabet) and as few as 71 characters if Unicode (e.g., accented or non-Roman alphabet) characters are used.</p>
<pre><artists> <artist> <name>Madonna</name> <roles> <role>Performer</role> <role>Creator</role> </roles> </artist> ... </artists></pre>	<p>Artists <i>(required)</i></p> <p>Name and role(s) for each artist. In this context, "artist" can be any contributor including non-performing persons (e.g. producer), or groups (e.g. a band name). Individual artists should be listed separately and not grouped together (e.g., "Ella Fitzgerald", "Louis Armstrong" should be used instead of "Ella Fitzgerald and Louis Armstrong"), and individual members of a band can be listed (e.g. both "Harry Connick, Jr. Trio" and "Harry Connick, Jr." can be specified for a production).</p> <p>The role names must be in English in order to be imported into the Store, but the names will be localized if needed when displayed in the Store.</p>
<pre><isrc>USWB10606544</isrc></pre>	<p>ISRC <i>(optional)</i></p> <p>The ISRC (international standard recording code) for the musical element. ISRCs must be unique across all recordings. It is normal for an ISRC to appear in the store more than once if the same recording is included in more than one production (e.g. an album, music video, TV episode or film). In this case, the musical element must have exactly the same audio. A re-recorded, remixed or otherwise different (no matter how similar) musical piece must have a unique ISRC.</p> <p>Important: ISRCs must not include dashes and should remain only letters and numbers as in the example, USDP20707421.</p>
<pre><iswc>T-072.371.209-1</iswc></pre>	<p>ISWC <i>(optional)</i></p> <p>The ISWC (international standard work code) for musical works. This uniquely identifies intellectual property such as musical and literary works.</p>

<pre><copyright_cline>2006 Warner Bros. Records Inc.</copyright_cline></pre>	<p>Copyright © Line <i>(optional; can be updated)</i></p> <p>Copyright line for the song. The format required is year followed by owner. The appropriate © symbol will automatically be added and should not be included in the data.</p>
<pre><copyright_pline>2006 Warner Music</copyright_pline></pre>	<p>Copyright P-Line <i>(optional; can be updated)</i></p> <p>Performance copyright line for the song. The format required is year followed by owner. The appropriate P symbol will automatically be added and should not be included in the data. Some videos don't seem to have this P-line in the slate. Remove this element if this is the case.</p>
<pre><usage>Featured</usage></pre>	<p>Usage <i>(optional)</i></p> <p>Specifies how the musical element was featured in the production, and can use one of the following values:</p> <ul style="list-style-type: none"> ■ Background: music that is not audible to the characters in the production such as “mood music.” ■ Featured: music played by featured performers, or as part of the action presented and is audible to the characters such as the character dancing to a song. ■ Signature: Theme tune of a production or program.
<pre></cue> </cue_sheet> </video></pre>	

Interval Pricing

Overview

This chapter specifies the iTunes Package format for delivering pricing in an interval format. Using interval pricing, you can set prices over an unlimited number of specific time periods. Interval pricing, if used, replaces the previous pricing model. Using interval pricing is not required; use intervals only if you need to schedule price changes in advance.

This chapter describes the `metadata.xml` for delivering interval pricing only. To see the complete annotations, see [“Basic Film Metadata Annotated”](#) (page 18). For questions, contact your iTunes Technical Representative.

Interval Pricing

Interval pricing allows a film's wholesale pricing to automatically change during specific periods of time. This is especially useful for sales and other promotions that require temporary or permanent pricing changes on pre-determined dates.

- Intervals may be delivered at any time for up to one year into the future.
- An unlimited number of intervals are allowed; however, for each interval, there is a period of several hours where the product will be unavailable for sale while the price is changed.
- Once intervals are delivered for a given product, the classic pricing model (as outlined in the [“Basic Film Metadata Example”](#) (page 15)) may no longer be used. This provides a transition platform for moving to the new specification for older deliveries.
- When an interval concludes and no new interval is specified, the product may become unavailable in the associated territory if no "base price" is specified. Base prices are specified by delivering an interval with a beginning but no end date.
- Intervals are date-specific and not time-specific. New intervals start at midnight in the territory in which they are specified.
- The minimum interval duration is one day, and each change will take several hours to appear in the store while the cache is updated.
- In order to transition between two intervals, a new interval must always begin on the same date as the end of the previous one. In the case of intervals that have no end date, the interval with the later start date will take precedence (see below example).
- If two intervals overlap, the last interval specified in a given metadata update will take precedence.
- If all pricing intervals end, the content will no longer be available on the Store.
- Product updates should contain all known pricing intervals from date of delivery forward.

Interval Pricing Examples

Intervals may start and end on any date; the intervals below start and end on the first day of the month for ease of explanation.

Example 1:

Two intervals are provided, both without end dates:

Interval	Start Date	End Date	Wholesale Price Tier
1	2008-05-01	Unspecified	3
2	2008-10-01	Unspecified	2

These two intervals as supplied, in a timeline-like format:

May	June	July	August	September	October	November	December	January
Tier 3								
					Tier 2			

All intervals are collapsed into a single timeline when processed by iTunes. The above two intervals will therefore collapse into the following:

May	June	July	August	September	October	November	December	January
Tier 3					Tier 3			
					Tier 2			

Example 2

Two intervals are provided, the second specified in the metadata has an end date, while the first has none.

Interval	Start Date	End Date	Wholesale Price Tier
1	2008-05-01	Unspecified	3
2	2008-10-01	2008-11-01	2

The intervals as supplied:

May	June	July	August	September	October	November	December	January
Tier 3								
					Tier 2	Tier 2		

In this case, a smaller interval overlaps an unending one, therefore, this happens:

May	June	July	August	September	October	November	December	January
Tier 3	Tier 3	Tier 3	Tier 3	Tier 3	Tier 3 Tier 2	Tier 3 Tier 2	Tier 3	Tier 3

Example 3

Two price intervals are specified. One with a start and end date and one is open-ended:

Interval	Start Date	End Date	Wholesale Price Tier
1	2008-10-01	2008-12-01	2
2	2008-05-01	Unspecified	3

These are the intervals as supplied:

May	June	July	August	September	October	November	December	January
					Tier 2	Tier 2		
Tier 3								

Since the intervals are read in order, if they send the smaller one first, the pricing intervals function as follows:

May	June	July	August	September	October	November	December	January
Tier 3								

Example 4

Three tiers are specified. Two with a start and end date and one is open-ended. This is the safest way to deliver intervals, as it ensures that pricing changes as expected.

Interval	Start Date	End Date	Wholesale Price Tier
1	2008-05-01	2008-10-01	3
2	2008-10-01	2008-11-01	2
3	2008-11-01	Unspecified	3

The intervals as supplied:

May	June	July	August	September	October	November	December	January
Tier 3								
					Tier 2			
						Tier 3		

The intervals as implemented:

May	June	July	August	September	October	November	December	January
Tier 3					Tier 2	Tier 3		

Interval Pricing Update Example

All intervals supplied in metadata updates will be applied in the same manner as above.

Example

Three intervals currently exist in the iTunes database (as created by previous deliveries):

May	June	July	August	September	October	November	December	January
Tier 3					Tier 2	Tier 3		

Two intervals are provided in a metadata update:

Interval	Start Date	End Date	Wholesale Price Tier
1	2008-05-01	2008-11-01	3
2	2008-11-01	Unspecified	2

These two intervals as supplied, in a timeline-like format:

May	June	July	August	September	October	November	December	January
Tier 3								
						Tier 2		

The collapsed interval combines the new intervals into the currently active interval timeline. Due to date overlap, the new update completely overwrites all current intervals. The new active timeline will be as follows after this update:

May	June	July	August	September	October	November	December	January
Tier 3						Tier 2		

Interval Pricing Metadata Example

Changes made for interval pricing are in bold>.

```
<?xml version="1.0" encoding="UTF-8"?>
<package xmlns="http://apple.com/itunes/importer" version="film4.3">
  <provider>Paramount</provider>
  <language>en-US</language>
  <video>
    <type>film</type>
    <subtype>feature</subtype>
    <vendor_id>09736156444</vendor_id>
    <isan>0000-0000-03B6-0000-0-0000-0000-2</isan>
    <upc>09736156444</upc>
    <amg_video_id>V 131221</amg_video_id>
    <country>US</country>
    <title>Forrest Gump</title>
    <synopsis>"Stupid is as stupid does," says Forrest Gump (played by Tom
Hanks in an Oscar-winning performance) as he discusses his relative level of
intelligence with a stranger while waiting for a bus. Despite his sub-normal
IQ, Gump leads a truly charmed life, with a ringside seat for many of the most
memorable events of the second half of the 20th century. Entirely without
trying, Forrest teaches Elvis Presley to dance, becomes a football star, meets
John F. Kennedy, serves with honor in Vietnam, meets Lyndon Johnson, speaks at
an anti-war rally at the Washington Monument, hangs out with the Yippies,
defeats the Chinese national team in table tennis, meets Richard Nixon, discovers
the break-in at the Watergate, opens a across the country for several years.
Meanwhile, as the remarkable parade of his life goes by, Forrest never forgets
Jenny (Robin Wright Penn), the girl he loved as a boy, who makes her own journey
through the turbulence of the 1960s and 1970s that is far more troubled than
the path Forrest happens upon. Featured alongside Tom Hanks are Sally Field as
Forrest's mother; Gary Sinise as his commanding officer in Vietnam; Mykelti
Williamson as his ill-fated Army buddy who is familiar with every recipe that
involves shrimp; and the special effects artists whose digital magic place
Forrest amidst a remarkable array of historical events and people.</synopsis>
    <production_company>Paramount Pictures</production_company>
```

```

<copyright_cline>1994 Paramount Pictures</copyright_cline>
<theatrical_release_date>2007-05-04</theatrical_release_date>
<genres>
  <genre>Comedy</genre>
  <genre>Drama</genre>
</genres>
<ratings>
  <rating system="mpaa" reason="Rated PG-13 for drug content, some
sensuality and war violence.">PG-13</rating>
</ratings>
<cast>
  <actor name="Hanks, Tom" display="Tom Hanks" amg_artist_id="P 93341"
billing="top">Forrest Gump</actor>
  <actor name="Penn, Robin Wright" display="Robin Wright Penn"
amg_artist_id="P77633" billing="top">Jenny Curran</actor>
  <actor name="Sinise, Gary" display="Gary Sinise"
amg_artist_id="P111667" billing="top">Lt. Dan Taylor</actor>
  <actor name="Williamson, Mykelti" display="Mykelti Williamson"
amg_artist_id="P 76595" billing="top">Bubba Blue</actor>
  <actor name="Field, Sally" display="Sally Field" amg_artist_id="P
89714" billing="top">Mrs. Gump</actor>
  <actor name="Humphreys, Michael Conner" display="Michael Conner
Humphreys">Young Forrest</actor>
  <actor name="Hall, Hanna R." display="Hanna R. Hall">Young Jenny
Curran</actor>
</cast>
<crew>
  <member name="Zemeckis, Robert" display="Robert Zemeckis"
amg_artist_id="P117906" billing="top">Director</member>
  <member name="Starkey, Steve" display="Steve Starkey"
amg_artist_id="P112522" billing="top">Producer</member>
  <member name="Starkey, Steve" display="Steve Starkey"
amg_artist_id="P112522" billing="top">First Assistant Director</member>
</crew>
<chapters>
  <timecode_format>24/1:1/nonDrop</timecode_format>
  <chapter>
    <start_time>00:00:00:00</start_time>
    <title locale="en-US">Forrest's Story Begins</title>
    <artwork_file>
      <file_name>chapter01.jpg</file_name>
      <checksum
type="md5">ed93d0f3224a353a4cc8d4175d645130</checksum>
      <size>6591649</size>
    </artwork_file>
  </chapter>
  <chapter>
    <start_time>00:07:45:23</start_time>
    <title locale="en-US">Football at Alabama</title>
    <artwork_file>
      <file_name>chapter02.jpg</file_name>
      <checksum
type="md5">86bed7ef05c34c1e85345f40d11137a9</checksum>
      <size>6591649</size>
    </artwork_file>
  </chapter>
  <!-- Additional chapters here. -->
</chapters>

```

```

    <assets>
      <asset type="full">
        <data_file role="source">
          <locale name="en-US"/>
          <file_name>09736156444-source.mov</file_name>
          <size>2595225600</size>
          <checksum
type="md5">2a793a8b46037fe8aa29dd739b49911a</checksum>
          <attribute name="crop.top">80</attribute>
          <attribute name="crop.bottom">80</attribute>
          <attribute name="crop.left">50</attribute>
          <attribute name="crop.right">50</attribute>
        </data_file>
        <data_file role="captions">
          <file_name>09736156444-english.scc</file_name>
          <size>9511</size>
          <checksum
type="md5">5a793a8b46037fe8aa2bdd739b49911a</checksum>
        </data_file>
      </asset>
      <!-- World Trailer. Will be used where territory-specific trailer
has not been provided -->
      <asset type="preview">
        <territories>
          <territory>WW</territory>
        </territories>
        <data_file role="source">
          <locale name="en-US"/>
          <file_name>09736156444-US-preview.mov</file_name>
          <size>9987212</size>
          <checksum
type="md5">739b43b793a8b46037fe8aa29dd9911e</checksum>
          <attribute name="crop.top">80</attribute>
          <attribute name="crop.bottom">80</attribute>
          <attribute name="crop.left">50</attribute>
          <attribute name="crop.right">50</attribute>
        </data_file>
      </asset>
      <!-- World Poster Art. Will be used where territory-specific poster
art has not been provided -->
      <asset type="artwork">
        <territories>
          <territory>WW</territory>
        </territories>
        <data_file>
          <file_name>09736156444.jpg</file_name>
          <size>6591649</size>
          <checksum
type="md5">43e7dddfe4b8ab433ede429df86cabb2</checksum>
        </data_file>
      </asset>
    </assets>
    <products>
      <product>
        <territory>US</territory>
        <intervals>
          <interval>
            <start_date>2008-07-01</start_date>

```

```

        <end_date>2008-09-01</end_date>
        <wholesale_price_tier>3</wholesale_price_tier>
    </interval>
    <interval>
        <start_date>2008-09-01</start_date>
        <end_date>2008-10-01</end_date>
        <wholesale_price_tier>5</wholesale_price_tier>
    </interval>
    <interval>
        <start_date>2008-10-01</start_date>
        <wholesale_price_tier>3</wholesale_price_tier>
    </interval>
</intervals>
<cleared_for_sale>true</cleared_for_sale>
<cleared_for_hd_sale>true</cleared_for_hd_sale>
<preorder_sales_start_date>2006-02-10</preorder_sales_start_
date>
    <sales_start_date>2006-03-12</sales_start_date>
    <sales_end_date>2008-12-12</sales_end_date>
    <cleared_for_vod>true</cleared_for_vod>
    <vod_type>New Release</vod_type>
    <available_for_vod_date>2007-11-12</available_for_vod_date>
    <unavailable_for_vod_date>2008-11-12</unavailable_for_vod_date>
    <physical_release_date>2007-08-01</physical_release_date>
    <cleared_for_hd_vod>false</cleared_for_hd_vod>
</product>
<product>
    <territory>UK</territory>
    <intervals>
        <interval>
            <start_date>2008-07-01</start_date>
            <end_date>2008-09-01</end_date>
            <wholesale_price_tier>3</wholesale_price_tier>
        </interval>
        <interval>
            <start_date>2008-09-01</start_date>
            <end_date>2008-10-01</end_date>
            <wholesale_price_tier>5</wholesale_price_tier>
        </interval>
        <interval>
            <start_date>2008-10-01</start_date>
            <wholesale_price_tier>3</wholesale_price_tier>
        </interval>
    </intervals>
    <cleared_for_sale>true</cleared_for_sale>
    <cleared_for_hd_sale>true</cleared_for_hd_sale>
    <preorder_sales_start_date>2006-02-10</preorder_sales_start_
date>
    <sales_start_date>2006-03-12</sales_start_date>
    <sales_end_date>2008-12-12</sales_end_date>
    <cleared_for_vod>true</cleared_for_vod>
    <vod_type>New Release</vod_type>
    <available_for_vod_date>2007-11-12</available_for_vod_date>
    <unavailable_for_vod_date>2008-11-12</unavailable_for_vod_date>
    <physical_release_date>2007-08-01</physical_release_date>
    <cleared_for_hd_vod>false</cleared_for_hd_vod>
</product>
</products>

```

```
</video>
</package>
```

Interval Pricing Metadata Annotations

Interval Pricing Metadata Fields	
<pre><product> <territory>US</territory></pre>	<p>Product (<i>required</i>)</p> <p>Begin the product in the same manner of the basic film. The territory specified here is the only one affected by the intervals defined within this product tag.</p>
<pre><intervals></pre>	<p>Interval Declaration (<i>required if using intervals</i>)</p> <p>The beginning of a group of intervals for a specific territory.</p>
<pre><interval></pre>	<p>Interval (<i>required if using intervals</i>)</p> <p>The beginning of an individual interval for a specific territory. This interval will only be applied to the territory specified in the parent's (product) territory tag. Any number of intervals may be provided in any initial product delivery or subsequent update.</p>
<pre><start_date>2008-07-01</start_date></pre>	<p>Interval Start Date (<i>required if using intervals</i>)</p> <p>The start date for the given interval. This may be any point in the future and must follow the YYYY-MM-DD format.</p>
<pre><end_date>2008-10-01</end_date></pre>	<p>Interval End Date (<i>optional</i>)</p> <p>The end date for the given interval. This may be any point at least 24 hours after the interval's start date and must follow the YYYY-MM-DD format. If the end date is not specified, the interval will last until the start date of the following interval. If no further intervals are specified, the interval will last indefinitely. If all pricing intervals end, the content will no longer be available on the Store.</p>
<pre><wholesale_price_tier>3</wholesale_ price_tier></pre>	<p>Interval Wholesale Price Tier (<i>optional</i>)</p> <p>The wholesale price tier for the film for the given interval. Must be a wholesale price tier number as specified in your contract with Apple.</p> <p>See "Table 1: Wholesale Price Tiers" (page 129) for a list of available price tiers. Review your contract to verify the tiers available to you. If an invalid price tier is provided, iTunes reserves the right to reject the package or to use default pricing. Please speak to your Apple Technical Representative for more details.</p>

<pre> </interval> </intervals> </pre>	
<pre> <cleared_for_sale>true</cleared_ for_sale> . . . </product> </products> </pre>	<p>Product (required)</p> <p>The rest of the product tag remains the same as the Basic Film, except for pricing. When interval pricing is used, pricing may not be located outside of the <code><interval></code> tag.</p>

Film Package Summary

Each film requires the following items to be sent to Apple in a package directory with the expected name `vendor_identifier.itmsp`, where `vendor_identifier` represents the primary identifier used to identify the film as specified in the included metadata file.

The package directory contains:

A single XML file named `metadata.xml` that describes the delivered content and contains all metadata information such as:

- Vendor ID
- Wholesale Price Tier
- Title
- Ratings
- Chapters

Associated image file(s):

- Poster image: .jpg at 72 dpi, a 2x3 aspect ratio, and at least 800 by 1200 pixel in size. Note that the poster image must not display any ratings.
- Chapter images: Square pixels, same aspect ratio as source, matting removed, and at least 640 pixels wide

Digitally encoded source material:

- Movie Source
- Trailer Source

Closed caption data file: .scc

QC notes file: .pdf

Closed-Captioning Profile

If your material has closed-captioning data, iTunes requires that the data be:

- In EIA 608 format
- Delivered in the same package with the video it references
- In a Scenarist SCC formatted file, using .scc file extension
- SCC files must be 29.97 regardless of frame rate of the movie file
- SCC files must maintain the drop or non-drop time code of your captioning process, not necessarily the mode represented in the QuickTime movie source.

- The timecodes of the captions must be delivered relative to absolute zero in the media and not the QuickTime movie's timecode track.

Currently, the iTunes Store does not support EIA 708 (ATSC closed captioning) or Teletext.

See the [“Helpful Tools”](#) (page 133) section of this document for a tool that can read and edit .scc files for your content.

Rating Systems & Genres

Table 1: Film Metadata Rating Systems Values

Country Code	System	Label	Description
AU	au-oflc	Not Rated	Below G rating
		G	General
		PG	Parental Guidance Recommended
		M	Recommended for mature audiences
		MA15+	Not suitable for people under the age of 15
		R18+	Restricted to 18 and over
CA	ca-chvrs	Not Rated	Below G rating
		G	Suitable for viewing by all ages
		PG	Parental guidance advised
		14A	Not suitable for people under the age of 14
		18A	Not suitable for people under the age of 18
		R	Restricted to 18 years and older
		E	Exempt
		Unrated	Above R rating
DE	de-fsk	ab 0 Jahren	No age restriction in accordance with § 14 JuSchG
		ab 6 Jahren	Allowed from 6 years in accordance with § 14 JuSchG
		ab 12 Jahren	Allowed from 12 years in accordance with § 14 JuSchG
		ab 16 Jahren	Allowed from 16 years in accordance with § 14 JuSchG
		ab 18 Jahren	Allowed from 18 years in accordance with § 14 JuSchG
FR	fr-cnc	-10	Advised against under 10 years old

Country Code	System	Label	Description
		-12	Forbidden to under 12 years old
		-16	Forbidden to under 16 years old
		-18	Forbidden to under 18 years old
JP	jp-eirin	G	General Audiences. All ages admitted.
		PG-12	Some material may be unsuitable for children under 12. Accompanying parent or adult guardian is desirable.
		R-15	Restricted to mature audiences 15 years and over. No one younger than 15 admitted.
		R-18	Restricted to adults 18 years and over. No one younger than 18 admitted.
NZ	nz-oflc	Not Rated	Below G rating
		G	Anyone can be shown or sold this
		PG	Parental guidance may be needed for younger viewers
		M	More suitable for viewers over 16 years
		R13	It is illegal for anyone to show or sell this to someone under 13 years of age
		R15	It is illegal for anyone to show or sell this to someone under 15 years of age
		R16	It is illegal for anyone to show or sell this to someone under 16 years of age
		R18	It is illegal to show or sell this to someone under 18 years of age
		R	R means that there is a special restriction
		RP16	It is illegal to show this film to a person under the age of 16 unless they are accompanied by a parent or guardian
UK	bbfc	U	Universal
	GB products	Uc	Universal Children
		PG	Parental Guidance
		12	12

Country Code	System	Label	Description
		12A	12 Accompanied/Advisory
		15	15
		18	18
		E	Exempt
		TBC	To be classified, this work has not yet been classified by the BBFC for digital delivery
US	mpaa	G	General Audience
		GP*	
		PG	Parental Guidance Suggested
		PG-13	Parents Strongly Cautioned
		M*	
		R	Restricted
		NC-17**	No One 17 and Under Admitted
		X*	
		UR	Unrated
		NR	Not Rated

* Legacy Classification and Rating Administration rating values should not be used.

** Apple does not currently support NC-17 rated films.

Table 2: Film Genres

The following genres are accepted.

Note: You must provide the genre name exactly as displayed in the example column below. The AMG IDs are given in case they are of use in identifying or mapping to the appropriate genre. AMG Genre IDs are not accepted.

Genre	AMG ID	Example
Action & Adventure	genres 646 and 647	Action & Adventure
Anime		Anime

Rating Systems & Genres

Genre	AMG ID	Example
Classics		Classics
Comedy	genre 648	Comedy
Concert Films		Concert Films
Documentary	category 239	Documentary
Drama	genre 649	Drama
Foreign		Foreign
Horror	genre 654	Horror
Independent		Independent
Kids & Family	genre 660	Kids & Family
Music Documentary		Music Documentary
Music Feature Film		Music Feature Film
Musicals		Musical
Romance	genre 948	Romance
Sci-Fi & Fantasy	genres 652 and 650	Sci-Fi & Fantasy
Short Films	production style 2239	Short Films
Special Interest	genres 1063, 1047, 1085 and category 1982	Special Interest
Thriller	genre 942	Thriller
Sports	genre 1101	Sports
Western	genre 656	Western
Urban		Urban

Language Codes

The following table is a partial list of the language codes supported by iTunes for use in the `<language>` tag. The first part of the code designates the language, and the second part of the code designates the region. This makes it possible to distinguish between French Canadian (fr-CA) and French (fr-FR) as spoken in France, for example. The list is based on the RFC4646 standard. For more details on languages, see <http://tools.ietf.org/html/rfc4646>.

All of the language codes listed below are supported for the `<locale>` tag when it appears under `<data_file>` in the `<assets>` section of the XML. However, only a subset of them are supported for the `<language>` and `<locale>` tags in the outer metadata section. The third column in the table indicates whether each language code is supported for metadata fields.

The fourth column of the table is provided for reference only, and may be useful for cross-reference if you have existing data from other sources that uses 3-character ISO 639-2 language codes.

Description	RFC 4646 Language Code	Supported for <code><language></code> and <code><locale></code> in the metadata	ISO 639-2 T 3 char Language (for reference only)
Danish	da-DA	√	dan
German, Unspecified	de		deu
German for Germany	de-DE	√	deu
Swiss German	de-CH		deu
Austrian German	de-AT		deu
Greek	el-EL	√	ell
English, Unspecified (defaults to US English)	en		
Australian English	en-AU	√	eng
New Zealand English	en-NZ		eng
Canadian English	en-CA	√	eng
English for Germany	en-DE		eng
English for France	en-FR		eng
British English	en-GB	√	eng

Description	RFC 4646 Language Code	Supported for <language> and <locale> in the metadata	ISO 639-2 T 3 char Language (for reference only)
US English	en-US	√	eng
Irish English	en-IE	* only supported for <territory> (IE) on poster art and <locale> (en-IE) on trailers	eng
Spanish, Unspecified	es		spa
Spanish for Spain	es-ES	√	spa
US Spanish	es-US		spa
Finnish	fi-FI	√	fin
French, Unspecified	fr		fra
French Canadian	fr-CA	√	fra
French	fr-FR	√	fra
Swiss French	fr-CH		fra
Belgian French	fr-BE		fra
Italian	it-IT	√	ita
Japanese	ja-JP	√	jpn
Dutch	nl-NL	√	nld
Portuguese, Unspecified	pt		por
Brazilian Portuguese	pt-BR		por
Portuguese for Portugal	pt-PT		por
Norwegian	no-NO	√	nor
Swedish	sv-SV	√	swe

Timecode Formats

The SMPTE timecode is expressed as: `framerate/framerate multiplier/mode`.

For a further explanation of timecodes, see Appendix B: Frame Rate and Timecode in the *Final Cut Pro User's Guide*.

The following table shows the supported timecode formats and what the `<start_time>` would be for each of the timecode formats:

Timecode	Timecode format	<code><start_time></code> example (HH:MM:SS:FF)
Default	<code>qt_text</code>	00:15:13 (Note: <code>qt_text</code> does not include frames and milliseconds are not allowed.)
24fps	<code>4/1:1/nonDrop</code>	00:15:13;10
NTSC video	<code>30/1000: 1001/dropNTSC</code>	00:15:13;10 (Note: Drop frame mode requires the use of the semicolon after the seconds.)
ATSC 24p	<code>24/1000: 1001/dropNTSC</code>	00:15:13;10 (Note: Drop frame mode requires the use of the semicolon after the seconds.)
PAL	<code>25/1:1/nonDrop</code>	00:15:13;10

Price Tiers

Table 1: Wholesale Price Tiers

These are the standard wholesale price tiers most providers have. Tiers can vary by provider, so please check your contract to find out which apply to you.

	Tier	Tier Name
Film Tiers	1	Highest wholesale price
	2	
	3	
	4	
	5	Lowest wholesale price
Concert Tiers*	201	Highest wholesale price
	202	
	203	
	204	Lowest wholesale price

* New contract required.

Frequently Encountered Issues

Accented characters such as é and ü don't appear correctly in my titles and descriptions.

Make sure you are correctly encoding your metadata in UTF-8. You can use one of the XML Metadata Production tools listed in the Helpful Tools section. There is an XML tool called xmllint that will help identify problems with your XML encodings. You can also try previewing your XML in a browser that renders XML trees such as Firefox.

How do I create a checksum for my files?

Apple accepts file checksums using the industry standard MD5 message digest. There are a variety of tools available to produce an MD5 checksum. See the tools listed in "Helpful Tools" (page 133).

I'm not familiar with XML. Where can I find a general tutorial for XML?

W3Schools	Tizag Tutorials	XML: A Beginner's Guide
http://www.w3schools.com/xml/	http://www.tizag.com/xmlTutorial/	by Dave Mercer http://www.amazon.com/

Some letters in XML have to be rewritten, what is that about? What's wrong with my ampersand? My XML isn't valid!

XML uses a small set of characters to denote structure in the document. If you need to use these characters within content in your XML file, you need to let the XML file know that the characters are not being used as structure by "escaping" them. For example the letters < and > designate an element tag marker, so if you have a value of "giant > midget" in your XML, you need to escape the greater than character with a set of characters called an entity. The entity for greater than ">" is ">", thus making your previous statement "giant > midget". If you cannot rewrite these characters, see the next section regarding using a Character Data (CDATA) block.

Here are the characters that need to be escaped, and their equivalent entities:

Character	Escaped Equivalent
>	>
<	<
&	&

I cannot rewrite my characters. Is there another option? What is CDATA?

XML does offer another solution when rewriting reserved characters is not possible. Element text may be enclosed in a special structure called a character data block CDATA. In a CDATA block, the <, >, and & characters are allowed; the only thing not allowed is the CDATA block closing sequence “]]>” which is unlikely to occur in your text.

Here’s an example of the same element using entity escaping:

```
<short_description>If giant &gt; midget, then take midget &amp; giant.</short_description>
```

versus a CDATA block:

```
<short_description><![CDATA[if giant > midget, the take midget & giant. ]]>
```

For further explanation, see http://www.w3schools.com/xml/xml_cdata.asp. Note the characters must still be encoded in UTF-8.

I don’t have a value for an element that is shown in the XML.

For elements marked optional for which you have no value, Apple requires that you remove the tag entirely from the XML rather than leaving the element empty. If the element is marked required, you may not omit the element.

Helpful Tools

These products are neither endorsed nor supported by Apple.

XML Metadata Production		
Oxygen XML Editor Mac, Windows, Linux http://www.oxygenxml.com/	Exchanger XML Editor Mac, Windows, Linux http://www.exchangerxml.com/	Altova XML Spy Windows http://www.altova.com/
XML Debugging		
Firefox Mac, Windows, Linux http://www.mozilla.com/firefox/	xmllint Mac OS X, BSD http://developer.apple.com/	
MD5 Checksum		
md5 Mac OS X, BSD http://developer.apple.com/	md5sum Windows http://www.nullriver.com/	

Revision History

Previous Spec Revisions

The following table lists the previously-released specifications and the revisions:

Date/Version	Summary
December 18, 2009 - Version 4.2	Added new tag for HD EST clearances. Clarified use of the WW (World Wide) territory in the <assets> block and the <products> block. Added the <territory> tag to preview and artwork assets in the Basic Film Profile example and the Concert Films example. Clarified quality standards. Corrections made to the Multiple Language annotations and the Concert Films example.
November 10, 2009 - Version 4.1	Clarified package version attribute name requirements. Added a best practice for sending chapters. Removed the restriction of requiring that at least one title for each chapter be in English. Clarified values used when specifying crop dimensions. Removed Co-Director as a crew member role.
September 11, 2009 - Version 4.0	Added capability to deliver one or more Quality Control notes with full and preview videos. Clarified how to change the <locale> on a video source. Changed requirements for chapters. Clarified the definition of "Library" for VOD films. Clarified requirements for crew member and artist roles. Clarified package naming conventions. Introduced new page design.
August 10, 2009 - Version 3.3.3	Video <subtype> can be updated. Split the Music genre into four categories. Matching the <provider> name with the provider short name used in Transporter is now enforced.
July 1, 2009 - Version 3.3.2	Clarified vendor identifier, chapter title, and image requirements. <theatrical_release_date> can now be updated through the feed. Clarified how to specify crew members with multiple roles in a film.
May 12, 2009 - Version 3.3.1	Added capability to remove assets through the feed. Changed requirements for metadata/asset updates. Clarified <sales_end_date> tag. Added <cleared_for_hd_vod> tags. Metadata-based cropping is now required for letterbox, pillarbox, or windowbox source files. Added a table listing standard wholesale price tiers for films and concert films.
March 15, 2009 - Version 3.3	Added audio as a type of data file that can be imported. Added support for multiple assets and languages. Added new tags for locale-specific assets. Chaptering is now delivered in the primary metadata file, not as a separate XML file. Added a new attribute to identify videos with burned-in subtitles. Added a table that lists common language/locale codes. Changed the order of tags in the metadata examples. Clarified the <provider> tag.

Date/Version	Summary
September 30, 2008 - Version 3.2	Added ratings for Australia, Canada, France, Germany, New Zealand, United Kingdom and United States, new elements for concert films, Closed Captioning information, added examples for metadata-only deliveries and updates, and examples for asset-only updates. Vendor identifier format restrictions are now enforced.
March 6, 2008 - Version 3.1	Reorganized document and added new elements.
April 2, 2007 - Version 2.3	General document updates, added element details, deprecated and updated element tags, asset details moved to the <i>Asset Specification Guide</i> .
November 30, 2006 - Version 2.2.1	Minor edits and updates.
October 24, 2006 - Version 2.2	Introduction of Film Profile Specification: feature film content for the iTunes Store, including new profiles for short film and feature film.

Changes in Film Profile 4.2

Film Profile: Cleared for HD EST Sale

A new tag specifies whether a film in HD EST is cleared for sale in the territory for the product. Must be "true" or "false."

Film Profile: WW Territory Clarification

The `<territory>` tag can be specified in both the `<assets>` block and the `<products>` block, but the use of the WW territory needs to be clarified.

For artwork and trailer assets, it is recommended that each asset should have a WW territory, in addition to any territory-specific assets that are to be delivered. Using WW ensures that all territories will have the asset. For example, suppose a film is to be distributed in the US and Canada. If you specify only US as the territory for a trailer, and you don't also specify WW, the Canada territory will not have the trailer. We encourage you to use WW for all assets, and only specify a territory-specific asset where needed. If you do not specify any territory, WW is the default territory.

When using the `<territory>` tag within the `<products>` block, do *not* use WW as a territory. The `<product>` block is where pricing is set. Because price tiers are different in each territory, we cannot accept WW pricing. You must send each territory that is cleared for sale in its own `<product>` block.

Film Profile: Corrections

In the Multiple Language XML annotations, Poster Image Territory was incorrectly marked as required. Using the territory tag for poster images is optional.

Changed the genre in the Concert Films example from `Concert Film` to `Concert Films`.

Assets: Quality Standards

Quality is important to us at iTunes. We expect to receive the highest-quality assets available.

Film Profile: Element Changes*Added*`<cleared_for_hd_sale>`

Changes in Film Profile 4.1

Film Profile: Chapters

For multiple-language films, the requirement for delivering chapter titles in English has been removed.

When sending chapters, we recommend that the chapters provided match what is on the DVD. In addition, include a chapter for film credits as the last chapter.

Film Profile: Clarifications

When specifying the version attribute of the package (`<package xmlns="http://apple.com/itunes/importer" version="film4.1">`), the "film" portion of the version attribute must be in lowercase letters.

When specifying crop dimensions, the values must be integers that represent the number of whole pixels. Do not use negative numbers, decimal numbers, or words, which will cause the import to fail.

Film Profile: Crew Member Roles

Co-Director has been removed as an option for crew member roles.

Changes in Film Profile 4.0

iTunes Store: Package Delivery

One or more QC (Quality Control) Notes can now be delivered within the iTunes Store package (itmstp). These Notes can inform the iTunes QC team about known issues or characteristics of a video (full and preview source). The iTunes QC team can read the notes as part of their review process to help identify whether or not some of the issues they see in the video source are known issues.

The notes must be in PDF format and multiple note files can be delivered.

Film Profile: Chapters

Each chapter must have an image and each chapter image must have a unique file name.

Film Profile: Clarifications

Added an XML example to show how to correct a `locale` on a delivered source video. Clarified that a library title is a feature length film that is not a new release. Role names for artists and crew members (for example, Director or Producer) must be in English to be imported correctly into the iTunes Store. Clarified package naming conventions.

Film Profile: Element Changes*Added*

`role="notes"` as an attribute of `<data_file>`

Changes in Film Profile 3.3.3

Film Profile: Metadata Updates

The `<subtype>` tag can now be updated through metadata updates.

Film Profile: Genres

Film genres have been updated. The Music genre has been replaced by Musicals, Concert Films, Music Documentaries, and Music Feature Film.

Changes in Film Profile 3.3.2

Film Profile: Metadata Updates

The `<theatrical_release_date>` tag can now be updated through metadata updates.

Film Profile: Clarifications

The `<vendor_id>` must not start with an underscore character. Images must be at least 72 dpi. Chapter titles have a 255-byte limit.

If a crew member has more than one role in a film, each role must be listed in its own `<member>` tag.

Changes in Film Profile 3.3.1

iTunes Store Package: Updates to Assets and Data Files

Referencing all the assets in the `<asset>` block for an update is no longer required. If an asset is not referenced in the `<asset>` block, the asset will not be removed. Instead, assets can now be removed using `remove="true"` as an attribute of the `<data_file>` tag:

```
<data_file role="source" remove="true">
```

Film Profile: Cleared for HD VOD

A new tag specifies whether a film in HD is cleared for Video On Demand in the territory for the product. Must be "true" or "false."

Film Profile: Element Changes

Added

`remove="true"` as an attribute of `<data_file>`
`<cleared_for_hd_vod>`

Changes in Film Profile 3.3

iTunes Store Package: Assets and Data Files

Added audio as data file that can be imported. Added a locale tag to full source and preview source assets to specify the language of the audio on the source.

iTunes Store Package: Inline Chaptering

Added ability to deliver chaptering information within the primary metadata file (referred to as “inline chaptering”). Separate delivery in a `chapter.xml` file is no longer required.

Film Profile: Multiple-Language Films

Multiple assets and languages are now supported for film. A new metadata example is included to showcase these changes. Added a new attribute to identify videos with burned-in subtitles. Added a tag to specify the language spoken by the actors in a film. Added a tag to specify the phonetic title for Japanese films to aid in searching. Changed the German rating for “ohne Altersbeschränkung” to “ab 0 Jahren.” Territory-specific assets are now supported, for example, a trailer for Germany, a trailer for France, and so on.

Film Profile: Element Changes

Added

`<regions><region>`
`<locales><locale>`
`<phonetic_title>` for Japanese films
`<original_spoken_locale>` for multiple-language films
`<attribute name="image.burned_subtitles.locale">` as an attribute of the source asset
`<chapters><chapter>` now used within the `<video>` tag (as opposed to a separate file referenced from within the `<assets>` block)

Changed

`<start_timecode>` is now optional for cue sheets
`<isrc>` is now optional for cue sheets

Deprecated

`chapter.xml`

Changes in Film Profile 3.2

iTunes Store Package: Package

The `<package>` element has changed to include the namespace in preparation for schema validation.

iTunes Store Package: Vendor Identifiers

Vendor identifiers can only contain alphanumeric characters and underscores ("_"). Packages delivered with identifiers containing other characters will be rejected.

Film Profile: Metadata-only & Asset-only Deliveries

Complete examples of Metadata-only and Asset-only deliveries are now provided.

Film Profile: Metadata-only & Asset-only Updates

Ratings can now be updated through the feed, but not removed. For a complete list of fields that can be updated through the feed, refer to the section [“Metadata and Asset Updates”](#) (page 13).

Film Profile: Concert Films

Concert films can now be delivered using additions outlined in the [“Concert Films Profile”](#) (page 101) section.

Film Profile: Element Changes

Changed (new tag = old tag)

```
<package xmlns="http://apple.com/itunes/importer" version="film3.2"> = <package version="film3.2">
```

Changes in Film Profile 3.1

Film Profile: Available for Video on Demand Date

Video on demand (VOD) sale date can now be specified to indicate when the film will be available for rent in the iTunes Store to customers in the specified territory. This element is required for new releases.

Film Profile: Cleared for Video on Demand Sale

Availability for VOD sale can now be specified at the territory level. The film will not be available for rent unless this property is explicitly set to “true.” This tag is required for VOD.

Film Profile: Metadata-Based Cropping

Captures no longer need be delivered in a cropped format, but can instead be delivered in their full-frame state with metadata included to specify the crop rectangle. The delivered package is automatically cropped.

Film Profile: Physical Release Date

Physical release date is used to indicate when the film’s first physical product (i.e., VHS, Beta, laserdisc, and DVD) was released for customers to purchase. This element is required for new releases.

REVISION HISTORY

Revision History

Film Profile: Poster Art

Poster art metadata structure is now simplified and resembles other asset declarations.

Film Profile: Theatrical Release Date

Theatrical release date can now be optionally specified for film.

Film Profile: Unavailable for Video on Demand Date

Unavailable for VOD sale can be specified to indicate when the film is no longer available for rent in the iTunes Store to customers in the specified territory.

Film Profile: Video on Demand Type

VOD type is used to specify the film is a new release or is a library title. Provide this value as specified by your contract. This tag is required for all VOD.

Film Profile: Element Changes

Added

```
<attribute name="">
<available_for_vod_date>
<cleared_for_vod>
<physical_release_date>
<theatrical_release_date>
<unavailable_for_vod_date>
<vod_type>
```

Changed (new tag = old tag)

```
<asset type="artwork"> = <artwork_files>
```

Changes in Film Profile 2.3

iTunes Store Package: Empty XML Elements

Empty XML elements are no longer accepted in metadata. If not used, the elements should be removed; otherwise, unintended results may occur, such as not providing a rating, but including an empty rating tag may cause the film to be marked unrated when browsed by customers. Also unrated content may be restricted by the iTunes Parental Control feature.

iTunes Store Package: World Territory

The “world” territory, used to define clearances for every territory in which an active contract is present, has changed to be in line with ISO standards and can be specified using “ww” only.

Film Profile: Element Changes

Deprecated

REVISION HISTORY

Revision History

'short' is no longer an excepted value for the type element

Changed (new tag = old tag)

<title> and <picture> are now required elements for chaptering
system is now a required attribute for the rating element

<sales_start_date> is now a required element

<vendor_id> is now a required element