eyeQ Bundle Data Model Guide

Product Version 1.5.0

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Data for Client Applications

The following sections describe the data returned by Gracenote eyeQ™ Bundle client APIs. Also see List Types for the Gracenote eyeQ Web API (see page 8).

TV Channel Data Returned by TVCHANNEL_LOOKUP and TVCHANNEL_FETCH

Within each TVCHANNEL:

Value	Sub-Value	Description
GN_ID		This the unique reference to the TV channel (station) that was automatically recognized for a channel signal using existing channel signal data.
NAME, NAME_SHORT		Name and short name of the TV channel allow matching and displaying channels in optimal way for each client.
URL	@TYPE="IMAGE"	URL for retrieval of the TV channel logo.
DVBIDS	@TYPE	When MODE=DVBIDS. Returns type of channel.
COUNTRY		The TV channel's country
CALLSIGN		The DVB-SI TV channel name. One or more, depending on the channel.
DVBIDS	@ONID @TSID @SID	When MODE=DVBIDS. The ONID, TSID, and SID components of a DVB triplet, respectively.
TRANSPORTIDS	@SYSTEM @SUBSYSTEM	When MODE=TRANSPORTIDS. Returns the broadcast system and subsystem type.
TRANSPORTID	@TYPE	When MODE=TRANSPORTIDS. The type of the transport ID.
CHANNEL_LOCATOR	@ORD	When MODE=TRANSPORTIDS. The position of the channel in relation to others when changing channels.
CHANNEL_NUM		When MODE=TRANSPORTIDS. The channel number the user sees.
CHANNEL_NUM		TV Channel number. (Only for North American channels.)
RANK		Relative importance of the channel. Value is 0 (low importance) to 1,000,000,000 (high importance.) ⚠️ **Important** The rank for a channel can change. Do not hard code rank values into your application assuming that they will remain constant. For guidelines about using RANK, see the *eyeQ Bundle Implementation Guide*.

Network and Provider Data Returned by TVPROVIDER_LOOKUP

Value	Sub-Value	Description
GN_ID		Unique reference to this television provider.
NAME		Name of this television provider.
PLACE		Geographical location of this television provider.
PROVIDERTYPE		Transmission type of the provider: CAB (cable), SAT (satellite), DBC (digital broadcast.)

TVPROGRAM Values

Value	Sub-Values	Description
GN_ID		Unique GN_ID for this program.
TITLE		First line of title.
TITLE_SUB		Second line of title.
LISTING		Listing text: A short description of a program suitable for display in a television listing grid.
IPGCATEGORY/IPGCATEGORY_L1	@ID	Level 1 program category text. @ID carries the numerical ID of this category.
IPGCATEGORY/IPGCATEGORY_L2	@ID	Level 2 program category text. @ID carries the numerical ID of this category.
RANK		Popularity rank.
GROUPREF		
EPGPRODUCTION_TYPE	@ID	The kind of EPG production type, such as Movie. @ID carries the numerical ID of this value.
SEASON_NUM		Season number this TVPROGRAM is a part of.
EPISODE_NUM	@COUNT	Episode number for this TVPROGRAM. @COUNT is the total number of episodes for this series or season.
TITLE_ORIGINAL		Original title of TVPROGRAM.
SYNOPSIS		Synopsis for TVPROGRAM.
ORIGIN	@ID	Country of origin for this TVPROGRAM. @ID Carries the ID for this value.
CONTRIBUTOR	See the AV_WORK / TVPROGRAM Associated Contributor Data table below	Contributors featured in this TVPROGRAM.
AV_WORK	GN_ID	GN_ID of the AV_WORK associated with this TVPROGRAM.
SERIES	GN_ID	GN_ID of the SERIES associated with this TVPROGRAM.

TVAIRING Values

Value	Sub-Values	Description
@GN_ID		GN_ID of the program being aired.
@START		The time and date (in UTC) when the content element will start.
@END		The time and date (in UTC) when the content element will end.
RATING	@SYSTEM @CODE	The rating system and code of the airing.
EPGAUDIO_TYPE	@ID	
EPGCAPTION_TYPE	@ID	
EPGVIEWING_TYPE	@ID	
@TVPROGRAM_GN_ID	GN_ID of the program being aired. This should match a TVPROGRAM provided in this same batch.	
@TVCHANNEL_GN_ID	GN_ID of the channel this airing is associated with.	

AV Work Data Returned by AV_WORK_FETCH

Value	Sub-Value	Description
GN_ID		Unique identifier for this work.
TITLE	@LANG	The Display Title of the AV Work. The LANG attribute indicates the language of the field. LANG is returned only when the language is not the same as the default language of the query. For example, if the default query language is German, and the returned language for the field is German, the response would not include the LANG attribute. However, if the language for the field is English, the response would include the LANG attribute with a value of ENG.
DATE	@TYPE	The Release Date of the original AV Work (Movie or Episode). TYPE is ORIGINALRELEASE.
DURATION	@UNITS	Duration of this work. @UNITS carries the unit.
RATING	/CODE	Rating (by region)
RATING	/SYSTEM	Rating System assigning the rating
RATING	/REASON	Reason(s) for ratings
PRODUCTION_TYPE	@ID	The kind of production for the AV Work (Movie or Episode). ID is the Gracenote identifier of the production type.

SYNOPSIS	@LANG	Description of the plot. The LANG attribute indicates the language of the field. LANG is returned only when the language is not the same as the default language of the query. For example, if the default query language is German, and the returned language for the field is German, the response would not include the LANG attribute. However, if the language for the field is English, the response would include the LANG attribute with a value of ENG.
GENRE	@ID	Genre name (may return multiple values) @ID carried the numerical ID for this value.
URL	@SIZE, @TYPE="IMAGE"	URL for Work Image. @SIZE carries size name of image.
XID	@DATASOURCE	ID for commerce link. @DATASOURCE carries the name of the ID source. (such as amazon-unbox)
XID	@DATASOURCE=ivapinpointid	ID for trailer link (currently provided by IVA).
VIDEODISCSET	See Video Data section below.	Collection of Products associated with this Work.
SERIES	See Video Data section below.	The Series associated with this Work.
SEASON	See Video Data section below.	The Season associated with this Work.
EPISODE_NUM		The Episode number.
CONTRIBUTOR	See Video Data section below.	Collection of Credits associated with this Work.

Video Disc Set (Product) Data for AV_WORK

Value	Sub-Value	Description
GN_ID		The product (disc set) unique ID.
TITLE		Product Title.
EDITION		Edition subtitle for product. (Such as 'Director's Cut')
URL	@TYPE=COVERART, @SIZE	URL for product cover art. @SIZE carries size name.
ASPECT_RATIO	@TYPE	@TYPE carries aspect ratio type, such as ANAMORPHIC.
XID	@DATASOURCE	ID for commerce link.

Series Data for AV_WORK

Value	Description
GN_ID	Unique ID for Series.
TITLE	Series title.

Season Data for AV_WORK

Value	Description
GN_ID	Unique ID for Season.

TITLE	Season title. (Such as Season 2).
SEASON_NUM	Number of the Season.

General Contributor Data

Value	Sub-value	Description
GN_ID		UniqueID for contributor.
NAME		The name of the cast or production member.
DATE	@TYPE=BIRTH	Date of birth
PLACE	@TYPE=BIRTH	Place of birth
DATE	@TYPE=DEATH	Date of death (where applicable)
PLACE	@TYPE=DEATH	Place of death (where applicable)
CONTRIBUTOR_TYPE	@ID	
BIOGRAPHY	@LANG	Biographical Data. The LANG attribute indicates the language of the field. LANG is returned only when the language is not the same as the default language of the query. For example, if the default query language is German, and the returned language for the field is German, the response would not include the LANG attribute. However, if the language for the field is English, the response would include the LANG attribute with a value of ENG.
URL	@TYPE=IMAGE @SIZE	URL to Image associated with the Contributor. @SIZE carries size label.
MEDIAGRAPHY		Collection of credits associated with the Contributor (see table below)

Contributor Data for AV_WORK and TVPROGRAM

Value	Sub-Value	Description
@RANK		Order of credit display in end roll.
NAME		The name of the cast or production member.
CONTRIBUTION/CONTRIBUTION_TYPE	@ID	The role or job of the cast or production member. @ID carries the numerical ID for this value.
CONTRIBUTION	/CHARACTER	The character name for an actor.
GN_ID		The Contributor's unique ID.

Contributor Data in MEDIAGRAPHY for AV_WORK or SERIES

Value	Sub-value	Description
GN_ID		Unique ID for this work or series.

CONTRIBUTION/CONTRIBUTION_TYPE	@ID	Contributor's role value for this work or series. @ID carries the numerical value.
TITLE		The title of the AV Work or Series.
DATE	@TYPE=ORIGINALRELEASE	The original release date of the Work or series.
EPISODE_CNT		Number of episodes this contributor appears in this series. (SERIES only)

List Types for the Gracenote eyeQ Web API

Through the eyeQ Web API, various metadata lists are exposed in the query responses. This topic describes the following list types:

- EPG Audio Types
- EPG Caption Types
- EPG Device Types
- EPG Production Types
- EPG Video Types
- EPG Viewing Types
- IPG Category Types (L1 and L2)

EPG Audio Types

This is a static list whose values can be hard coded in to the application.
Values are defined as:

```
<LIST ID="146" NAME="SOUNDSYSTEMS" SERVICE="Y">
    <REVISION>
        <LEVEL>1</LEVEL>
    </REVISION>
    <ITEM ID="68003" ORDINAL="1">
        <DISPLAY LANGUAGE_ID="1">mono_dual</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">mono_dual</DESCRIPTION>
    </ITEM>
    <ITEM ID="68004" ORDINAL="2">
        <DISPLAY LANGUAGE_ID="1">stereo</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">stereo</DESCRIPTION>
    </ITEM>
    <ITEM ID="68005" ORDINAL="3">
        <DISPLAY LANGUAGE_ID="1">multichannel</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">multichannel</DESCRIPTION>
    </ITEM>
    <ITEM ID="68006" ORDINAL="4">
        <DISPLAY LANGUAGE_ID="1">dolby</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">dolby</DESCRIPTION>
    </ITEM>
    <ITEM ID="68007" ORDINAL="5">
        <DISPLAY LANGUAGE_ID="1">description</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">description</DESCRIPTION>
    </ITEM>
    <ITEM ID="68008" ORDINAL="6">
        <DISPLAY LANGUAGE_ID="1">hardhearing</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">hardhearing</DESCRIPTION>
    </ITEM>
    <ITEM ID="68009" ORDINAL="7">
        <DISPLAY LANGUAGE_ID="1">mono_single</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">mono_single</DESCRIPTION>
    </ITEM>
    <ITEM ID="68010" ORDINAL="8">
        <DISPLAY LANGUAGE_ID="1">ac3</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">ac3</DESCRIPTION>
    </ITEM>
    <ITEM ID="68011" ORDINAL="9">
        <DISPLAY LANGUAGE_ID="1">dolbydig</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">dolbydig</DESCRIPTION>
    </ITEM>
    <ITEM ID="68012" ORDINAL="10">
        <DISPLAY LANGUAGE_ID="1">original_language</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">original_language</DESCRIPTION>
    </ITEM>
</LIST>
```

Audio Type	Indicates that a TV program is aired...	Notes
mono_dual	with two audio tracks (both mono), usually representing two different language variants	deprecated, use "multichannel" instead
stereo	in stereo	Usually represented by an icon, such as
multichannel	with multiple audio channels in parallel, usually representing two different language variants	Usually represented by an icon, such as

description	with a separate audio track for the visually impaired	Usually represented by an icon
dolby	in Dolby Surround	Usually represented by an icon, such as
hardhearing	with additional information for the hearing impaired ("hard of hearing"), usually accompanied with captioning support	See EPG Caption Types (see page 10)
mono single	in mono, only rarely on TV programmings today	deprecated
ac3	In Dolby Digital (identical to "dolbydig" for legacy reasons)	Usually represented by an icon, such as
dolbydig	In Dolby Digital (identical to "dolbydig" for legacy reasons)	Usually represented by an icon, such as
original language	in original language, usually accompanied with captioning support then (see EPG Caption Types (see page 10))	Usually represented as text next to the title. For example: English: "(OV)" or ("OF") German: "(OmU)"

EPG Caption Types

This is a static list whose values can be hard coded in to the application.

Values are defined as:

```
<LIST ID="148" NAME="EPGVIEWINGTYPES" SERVICE="Y">
    <REVISION>
        <LEVEL>1</LEVEL>
    </REVISION>
    <ITEM ID="68021" ORDINAL="1">
        <DISPLAY LANGUAGE_ID="1">ebu</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">ebu</DESCRIPTION>
    </ITEM>
    <ITEM ID="68022" ORDINAL="2">
        <DISPLAY LANGUAGE_ID="1">dvb</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">dvb</DESCRIPTION>
    </ITEM>
    <ITEM ID="68023" ORDINAL="3">
        <DISPLAY LANGUAGE_ID="1">dvb_hardhearing</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">dvb_hardhearing</DESCRIPTION>
    </ITEM>
    <ITEM ID="68024" ORDINAL="4">
        <DISPLAY LANGUAGE_ID="1">closedcaption</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">closedcaption</DESCRIPTION>
    </ITEM>
    <ITEM ID="68025" ORDINAL="5">
        <DISPLAY LANGUAGE_ID="1">original_language</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">original_language</DESCRIPTION>
    </ITEM>
    <ITEM ID="68026" ORDINAL="5">
        <DISPLAY LANGUAGE_ID="1">local_language</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">local_language</DESCRIPTION>
    </ITEM>
</LIST>
```

EPG Device Types

This is a static list whose values can be hard coded in to the application.

Values are defined as:

```
<LIST ID="152" NAME="EPGDEVICETYPES" SERVICE="Y">
    <REVISION>
        <LEVEL>1</LEVEL>
    </REVISION>
    <ITEM ID="68059" ORDINAL="1">
        <DISPLAY LANGUAGE_ID="1">Standard</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">Standard</DESCRIPTION>
    </ITEM>
    <ITEM ID="68060" ORDINAL="2">
        <DISPLAY LANGUAGE_ID="1">Cable A</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">Cable A</DESCRIPTION>
    </ITEM>
    <ITEM ID="68061" ORDINAL="3">
        <DISPLAY LANGUAGE_ID="1">Cable B</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">Cable B</DESCRIPTION>
    </ITEM>
    <ITEM ID="68062" ORDINAL="4">
        <DISPLAY LANGUAGE_ID="1">Rebuild</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">Rebuild</DESCRIPTION>
    </ITEM>
    <ITEM ID="68063" ORDINAL="5">
        <DISPLAY LANGUAGE_ID="1">Digital Rebuild</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">Digital Rebuild</DESCRIPTION>
    </ITEM>
    <ITEM ID="68064" ORDINAL="6">
        <DISPLAY LANGUAGE_ID="1">Digital Non-rebuild</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">Digital Non-rebuild</DESCRIPTION>
    </ITEM>
    <ITEM ID="68079" ORDINAL="7">
        <DISPLAY LANGUAGE_ID="1">D device cable ready and non-addressable for D</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">D device cable ready and non-addressable for D</DESCRIPTION>
    </ITEM>
    <ITEM ID="68080" ORDINAL="8">
        <DISPLAY LANGUAGE_ID="1">Cable-ready TV sets (non-rebuild)</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">Cable-ready TV sets (non-rebuild)</DESCRIPTION>
    </ITEM>
    <ITEM ID="68081" ORDINAL="9">
        <DISPLAY LANGUAGE_ID="1">Cable-ready TV sets with Cable B</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">Cable-ready TV sets with Cable B</DESCRIPTION>
    </ITEM>
</LIST>
```

EPG Production Types

This is a static list whose values can be hard coded in to the application.

Values are defined as:

```
<LIST ID="151" NAME="EPGPRODUCTIONTYPES" SERVICE="Y">
    <REVISION>
        <LEVEL>1</LEVEL>
    </REVISION>
    <SYSTEM_NAME>EPGPRODUCTIONTYPES</SYSTEM_NAME>
```

```
    <ITEM ID="68039">
        <DISPLAY LANGUAGE_ID="1">Education</DISPLAY>
        <DISPLAY LANGUAGE_ID="26">Education</DISPLAY>
        <DISPLAY LANGUAGE_ID="30">Bildung</DISPLAY>
        <DISPLAY LANGUAGE_ID="43">Istruzione</DISPLAY>
        <DISPLAY LANGUAGE_ID="71">Educación</DISPLAY>
    </ITEM>
    <ITEM ID="68040">
        <DISPLAY LANGUAGE_ID="1">Documentary</DISPLAY>
        <DISPLAY LANGUAGE_ID="26">Documentaire</DISPLAY>
        <DISPLAY LANGUAGE_ID="30">Dokumentation</DISPLAY>
        <DISPLAY LANGUAGE_ID="43">Documentario</DISPLAY>
        <DISPLAY LANGUAGE_ID="71">Documental</DISPLAY>
    </ITEM>
    <ITEM ID="68041">
        <DISPLAY LANGUAGE_ID="1">Current Affairs</DISPLAY>
        <DISPLAY LANGUAGE_ID="26">Magazine</DISPLAY>
        <DISPLAY LANGUAGE_ID="30">Magazin</DISPLAY>
        <DISPLAY LANGUAGE_ID="43">Rivista</DISPLAY>
        <DISPLAY LANGUAGE_ID="71">Revista</DISPLAY>
    </ITEM>
    <ITEM ID="68042">
        <DISPLAY LANGUAGE_ID="1">News</DISPLAY>
        <DISPLAY LANGUAGE_ID="26">Journal Télévisé</DISPLAY>
        <DISPLAY LANGUAGE_ID="30">Nachrichten</DISPLAY>
        <DISPLAY LANGUAGE_ID="43">Telegionnale</DISPLAY>
        <DISPLAY LANGUAGE_ID="71">Noticias</DISPLAY>
    </ITEM>
    <ITEM ID="68043">
        <DISPLAY LANGUAGE_ID="1">Report</DISPLAY>
        <DISPLAY LANGUAGE_ID="26">Reportage</DISPLAY>
        <DISPLAY LANGUAGE_ID="30">Reportage</DISPLAY>
        <DISPLAY LANGUAGE_ID="43">Comunicare</DISPLAY>
        <DISPLAY LANGUAGE_ID="71">Reportaje</DISPLAY>
    </ITEM>
    <ITEM ID="68044">
        <DISPLAY LANGUAGE_ID="1">Commercial</DISPLAY>
        <DISPLAY LANGUAGE_ID="26">Envoi publicitaire</DISPLAY>
        <DISPLAY LANGUAGE_ID="30">Werbesendung</DISPLAY>
        <DISPLAY LANGUAGE_ID="43">Commerciale</DISPLAY>
        <DISPLAY LANGUAGE_ID="71">Comercial</DISPLAY>
    </ITEM>
    <ITEM ID="68045">
        <DISPLAY LANGUAGE_ID="1">Show</DISPLAY>
        <DISPLAY LANGUAGE_ID="26">Show</DISPLAY>
        <DISPLAY LANGUAGE_ID="30">Show</DISPLAY>
        <DISPLAY LANGUAGE_ID="43">Show</DISPLAY>
        <DISPLAY LANGUAGE_ID="71">Espectáculo</DISPLAY>
    </ITEM>
    <ITEM ID="68046">
        <DISPLAY LANGUAGE_ID="1">Live Events</DISPLAY>
        <DISPLAY LANGUAGE_ID="26">Direct</DISPLAY>
        <DISPLAY LANGUAGE_ID="30">Live-Sendung</DISPLAY>
        <DISPLAY LANGUAGE_ID="43">Live</DISPLAY>
        <DISPLAY LANGUAGE_ID="71">Directo</DISPLAY>
    </ITEM>
    <ITEM ID="68047">
```

```
            <DISPLAY LANGUAGE_ID="1">Movie</DISPLAY>
            <DISPLAY LANGUAGE_ID="26">Film</DISPLAY>
            <DISPLAY LANGUAGE_ID="30">Film</DISPLAY>
            <DISPLAY LANGUAGE_ID="43">Film</DISPLAY>
            <DISPLAY LANGUAGE_ID="71">Película</DISPLAY>
        </ITEM>
        <ITEM ID="68048">
            <DISPLAY LANGUAGE_ID="1">Series</DISPLAY>
            <DISPLAY LANGUAGE_ID="26">Série</DISPLAY>
            <DISPLAY LANGUAGE_ID="30">Serie</DISPLAY>
            <DISPLAY LANGUAGE_ID="43">Serie</DISPLAY>
            <DISPLAY LANGUAGE_ID="71">Serie</DISPLAY>
        </ITEM>
        <ITEM ID="68049">
            <DISPLAY LANGUAGE_ID="1">Programme</DISPLAY>
            <DISPLAY LANGUAGE_ID="26">Programme</DISPLAY>
            <DISPLAY LANGUAGE_ID="30">Programm</DISPLAY>
            <DISPLAY LANGUAGE_ID="43">Programmi</DISPLAY>
            <DISPLAY LANGUAGE_ID="71">Programa</DISPLAY>
        </ITEM>
    </LIST>
```

EPG Video Types

This is a static list whose values can be hard coded in to the application.

Values are defined as:

```
<LIST ID="147" NAME="SOUNDSYSTEMS" SERVICE="Y">
    <REVISION>
        <LEVEL>1</LEVEL>
    </REVISION>
    <ITEM ID="68013" ORDINAL="1">
        <DISPLAY LANGUAGE_ID="1">v169</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">v169</DESCRIPTION>
    </ITEM>
    <ITEM ID="68014" ORDINAL="2">
        <DISPLAY LANGUAGE_ID="1">hdtv</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">hdtv</DESCRIPTION>
    </ITEM>
    <ITEM ID="68015" ORDINAL="3">
        <DISPLAY LANGUAGE_ID="1">pal30</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">pal30</DESCRIPTION>
    </ITEM>
    <ITEM ID="68016" ORDINAL="4">
        <DISPLAY LANGUAGE_ID="1">live</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">live</DESCRIPTION>
    </ITEM>
    <ITEM ID="68017" ORDINAL="5">
        <DISPLAY LANGUAGE_ID="1">rerun</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">rerun</DESCRIPTION>
    </ITEM>
    <ITEM ID="68018" ORDINAL="6">
        <DISPLAY LANGUAGE_ID="1">v149</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">v149</DESCRIPTION>
    </ITEM>
    <ITEM ID="68019" ORDINAL="7">
        <DISPLAY LANGUAGE_ID="1">bw</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">bw</DESCRIPTION>
    </ITEM>
    <ITEM ID="68020" ORDINAL="8">
        <DISPLAY LANGUAGE_ID="1">vt150</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">vt150</DESCRIPTION>
    </ITEM>
</LIST>
```

EPG Viewing Types

This is a static list whose values can be hard coded in to the application.

Values are defined as:

```
<LIST ID="145" NAME="EPGVIEWINGTYPES" SERVICE="Y">
    <REVISION>
        <LEVEL>1</LEVEL>
    </REVISION>
    <ITEM ID="67998" ORDINAL="1">
        <DISPLAY LANGUAGE_ID="1">live</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">live</DESCRIPTION>
    </ITEM>
    <ITEM ID="67999" ORDINAL="2">
        <DISPLAY LANGUAGE_ID="1">rerun</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">rerun</DESCRIPTION>
    </ITEM>
    <ITEM ID="68000" ORDINAL="3">
        <DISPLAY LANGUAGE_ID="1">first_submit</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">first_submit</DESCRIPTION>
    </ITEM>
    <ITEM ID="68001" ORDINAL="4">
        <DISPLAY LANGUAGE_ID="1">last_submit</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">last_submit</DESCRIPTION>
    </ITEM>
    <ITEM ID="68002" ORDINAL="5">
        <DISPLAY LANGUAGE_ID="1">cod</DISPLAY>
        <DESCRIPTION LANGUAGE_ID="1">cod</DESCRIPTION>
    </ITEM>
</LIST>
```

IPG Category Types

These values are subject to change and should not be hard coded in to an application. Instead the application should query for these lists on a daily basis, retaining the results to be used for mapping purposes by the application.

Example Query

The query to retrieve these lists is defined as:

```
<QUERIES>
    <AUTH>
        …
    </AUTH>
    <QUERY CMD="FIELDVALUES">
        <FIELDNAME>IPGCATEGORY_L1</FIELDNAME>
    </QUERY>
</QUERIES>
```

Values for FIELDNAME are:

Values
IPGCATEGORY_L1
IPGCATEGORY_L2

Example Response

The query response will contain all ID/string pairs currently available. Strings will be localized to the specified language preference, if available.

```
<RESPONSES>
  <RESPONSE STATUS="OK">
    <IPGCATEGORY_L1 ID="a_gracenote_id">Spielfilm</IPGCATEGORY_L1>
    <IPGCATEGORY_L1 ID="a_gracenote_id">Serie</IPGCATEGORY_L1>
    <IPGCATEGORY_L1 ID="a_gracenote_id">Sport</IPGCATEGORY_L1>
    <IPGCATEGORY_L1 ID="a_gracenote_id">Nachrichten / Information</IPGCATEGORY_L1>
    <IPGCATEGORY_L1 ID="a_gracenote_id">Unterhaltung</IPGCATEGORY_L1>
    <IPGCATEGORY_L1 ID="a_gracenote_id">Musik</IPGCATEGORY_L1>
    <IPGCATEGORY_L1 ID="a_gracenote_id">Kinder</IPGCATEGORY_L1>
    <IPGCATEGORY_L1 ID="a_gracenote_id">Themen</IPGCATEGORY_L1>
  </RESPONSE>
</RESPONSES>
```