Content Access API

Common Backend Specification for all Smartphone Platforms

Revision History

| Date | Editor | Changes |
| --- | --- | --- |
| Aug 14, 2014 | Areef Reza | Added predefined id recent and mylist for container access |
| Aug 18, 2014 | Areef Reza | Added API for retrieving episodic content |
| Aug 19, 2014 | Areef Reza | Added wildcard container access API |
| Sep 02, 2014 | Areef Reza | Homepage access API added |
| Sep 03, 2014 | Areef Reza | Language added as a filtering criteria |
| Sep 15, 2014 | Areef Reza | Added filter definitions in Homepage section |
| Jan 04, 2015 | Kishore Borate | More tags definition added in homepage Xml |
| Jan 05, 2015 | Kishore Borate | Added sample requests |

# Introduction

## Context Diagram



## Playlist and Clip

A clip is a set of attributes that define a video item. A clip is identified by a globally unique clip id. Playlist is a container which contains a set of items. An item can be a clip or another playlist. Just like a clip, a playlist can have attributes as well. All possible attributes are given below.

[TBD]

# Container Access API

## Retrieve a container

### Specific Request

GET /api/container/load?id=1234&start=0&limit=8&aver=2.0 HTTP/1.1

Host: services.vuclip.com

### Wildcard Request

GET ~~/api/container/load?category=<category\_id|recommended>&type=<pcc|playlist|context>&section=<scenes|songs|trailors>&start=0&limit=8&aver=2.0[&genre=<genre>][&lang=<lang-csv>][&sort=<sort-by>] HTTP/1.1~~

/api/container/load?id=<category\_id|recommended>&type=<pcc|playlist|context>&section=<scenes|songs|trailors>&start=0&limit=8&aver=2.0&compressed=true[&genre=<genre>][&lang=<lang-csv>] HTTP/1.1

Host: services.vuclip.com

Load more content in Category without filter:

<http://appbackend1.blueapple.mobi/api/container/load?id=2_2&appid=vplus_android&compressed=true&aver=2.0&start=0&limit=20>

Load more content with Filter:

<http://appbackend1.blueapple.mobi/api/container/load?id=2_2&appid=vplus_android&compressed=true&aver=2.0&lang=hindi&genre=13&start=0&limit=20>

Load playlist content:

<http://appbackend1.blueapple.mobi/api/container/load?id=21275288&type=playlist&appid=vplus_android&compressed=true&aver=2.0&start=0&limit=20>

Load recommended content:

<http://appbackend1.blueapple.mobi/api/container/load?id=recommended&cid=936803802&appid=vplus_android&compressed=true&aver=2.0&start=0&limit=20>

Load recommended scenes/songs/trailers:

<http://appbackend1.blueapple.mobi/api/container/load?id=recommended&cid=930351858&section=scenes&appid=vplus_android&compressed=true&aver=2.0&start=0&limit=20>

### Success Response

<?xml version="1.0" encoding="UTF-8"?>

<rsp status="success">

<data start="0" n="2" total="100">

<id>slot-Recommended-468</id>

<type>playlist</type>

<title>Recommended</title>

<item>

<id>900404177</id>

<type>clip</type>

<title>Ranbir and Deepikas Leaked Video From Tamasha</title>

<des>Ranbir and Deepikas Leaked Video From Tamasha</des>

<tver>2</tver>

<tdur>39</tdur>

<avp a="partner">Lehren</avp>

<complete>true</complete>

<urlpath>http://s920.vuclip.com/f6/56/f656f4fceaf17ae32597b27f2b1c39d0</urlpath>

<args>?c=900404177&amp;s=BR3pER</args>

<hlsfile>hlsc.m3u8</hlsfile>

<tdirforwhole>np63207</tdirforwhole>

<prefixforwhole>np63207</prefixforwhole>

<profileforwhole>np63207</profileforwhole>

<tur>np63207</tur>

<duration>40</duration>

</item>

</data>

</rsp>

### Failure Response

<?xml version="1.0" encoding="UTF-8"?>

<rsp status="failed">

<error id="23">Invalid playlist id 1234</error>

</rsp>

## Retrieve Recent or My List for a Registered User

Both recent and my list are identified by two predefined ids recent and mylist. To retrieve this list we need to call the container API with the predefined ids

### Request

GET /api/container/load?id=recent&start=0&limit=8&aver=2.0&sid=6453318b59954beeb26a9b6cb1d061ae HTTP/1.1

Host: services.vuclip.com

### Success Response

<?xml version="1.0" encoding="UTF-8"?>

<rsp status="success">

<data start="0" n="2" total="100">

<id>recent</id>

<type>playlist</type>

<title>Recent</title>

<item>

<id>900404177</id>

<seriesid>880404177</seriesid>

<episodeid>3</episodeid>

<seasonid>2013</easoned>

<type>clip</type>

<contenttype>tvshow</contenttype>

<title>Ranbir and Deepikas Leaked Video From Tamasha</title>

<des>Ranbir and Deepikas Leaked Video From Tamasha</des>

<resume>12</resume>

<tver>2</tver>

<tdur>39</tdur>

<avp a=”partner”>Lehren</avp>

<complete>true</complete>

<urlpath>[http://s920.vuclip.com/f6/56/f656f4fceaf17ae32597b27f2b1c39d0</urlpath](http://s920.vuclip.com/f6/56/f656f4fceaf17ae32597b27f2b1c39d0%3c/urlpath)>

<args>?c=900404177&amp;s=BR3pER</args>

<hlsfile>hlsc.m3u8</hlsfile>

<tdirforwhole>np63207</tdirforwhole>

<prefixforwhole>np63207</prefixforwhole>

<profileforwhole>np63207</profileforwhole>

<tur>np63207</tur>

<duration>40</duration>

</item>

</data>

</rsp>

## API for Episodic Content

An episodic content is part of a special item, series. An example of such an item is a TV show. A series item can have multiple seasons. Each season can have multiple episodes. A series id uniquely identifies such a series. A clip of such a series will have a season id and an episode id. Both season id and episode id are supposed to be integer in type and can be sorted to establish their chronological order. An example of such a series is given below:

<item>

<id>120404177</id>

<seriesid>880404177</seriesid>

<type>series</type>

<title>F.I.R</title>

<des>FIR is a situational comedy serial centered on a Haryanvi female police officer named Chandramukhi Chautala and her three subordinates, head constable Gopinath Gandothra, constable Mulayam Singh Gulgule and constable Billu. The show depicts their lives as they try to solve every case which comes to Imaan Chowki</des>

</item>

An example of an episode of the above series is given below:

<item>

<id>130404177</id>

<seriesid>880404177</seriesid>

<type>clip</type>

<title>F.I.R 17th August 2014 Episode</title>

<episodeid>17</episodeid>

<seasonid>2014</seasonid>

</item>

The same container API can be used to retrieve episodes of such a series. The request id in this case will be the series id.

### Request

GET /api/container/load?id=880404177&start=0&limit=8&aver=2.0[&sid=6453318b59954beeb26a9b6cb1d061ae][&seasonid=<seasonid>] HTTP/1.1

Host: services.vuclip.com

### Success Response

<?xml version=”1.0” encoding=”UTF-8”?>

<rsp status=”success”>

<data start=”0” n=”2” total=”100”>

<id>880404177</id>

<type>series</type>

<title>F.I.R</title>

<item>

<id>900404177</id>

<seriesid>880404177</seriesid>

<episodeid>17</episodeid>

<seasonid>2014</seasonid >

<type>clip</type>

<contenttype>tvshow</contenttype>

<title> F.I.R 17th August 2014 Episode</title>

<tver>2</tver>

<tdur>39</tdur>

<avp a=”partner”>Lehren</avp>

<complete>true</complete>

<urlpath>[http://s920.vuclip.com/f6/56/f656f4fceaf17ae32597b27f2b1c39d0</urlpath](http://s920.vuclip.com/f6/56/f656f4fceaf17ae32597b27f2b1c39d0%3c/urlpath)>

<args>?c=900404177&amp;s=BR3pER</args>

<hlsfile>hlsc.m3u8</hlsfile>

<tdirforwhole>np63207</tdirforwhole>

<prefixforwhole>np63207</prefixforwhole>

<profileforwhole>np63207</profileforwhole>

<tur>np63207</tur>

<duration>40</duration>

</item>

</data>

</rsp>

## API Request Details

|  |  |  |
| --- | --- | --- |
| Attribute | Meaning | Mandatory |
| id | ID of the playlist being requested | Yes |
| start | Start index of the item from which the service should load the items. | Yes |
| limit | Maximum number of items that can be included in the list | Yes |
| aver | API Version. If this is greater than 1.0, API inserts wapi related tags in this response. Default is 1.0 | No |
| sid | Session identifier as received from user login API | Yes, for registered users  Yes, for recent and mylist  No, for others |
| genre | This filters content based on a given genre. List of genres are given in a later section. | No |
| lang | This filters content based on one or more given languages. Multiple languages are given in a comma separated list. | No |
| sort | This orders content based on a given sorting criteria. The criteria defined so far are:   * Popularity * Date * Year * Rating | No |
| seasonid | This filters content based on a seasonid. This is applicable only when the content is of episodic in nature. | No |
| category | Type of content. Possible values are:   * movie * tvshow * music * all   This acts as a filter for retrieving a subset of content. | No |

## API Response Details

|  |  |  |
| --- | --- | --- |
| Tag/Attribute | Meaning | Mandatory |
| rsp | Contains the entire response | Yes |
| rsp.status | Status of the response. Possible values are:   * success * failed | Yes |
| error | Provides a human readable error message and an error id | Yes, if rsp.status is failed  No, otherwise |
| error.id | Unique ID of the error; may be used in debugging | Yes, if rsp.status is failed  No, otherwise |
| data | Contains items; attributes of this tag includes total number of elements available as well | Yes |
| data.n | Total number of items provided in the list. Note that this number can be smaller than the actual number available. | Yes |
| data.total | Total number of items actually available in the list. | No |
| data.start | Start index of the first element in the list. This index starts from 0. This can be used by a client to iterate a large list. | Yes only if data.n is greater than 0; otherwise no |
| item | Contains an individual item. An item could either be a clip or another playlist. | No. An empty playlist will have no items. |
| Item.id | Id of the item. | Yes |
| item.type | Type of the item. Possible values are:   * clip * playlist * series | Yes |
| item.contenttype | Type of the content. Possible values are:   * movie * tvshow * music * other | Yes |
| item.des | Clip/Playlist Description | No |
| item.resume | Resume time pointer in seconds from which the app will show to resume a partially watched video | No |
| item.tver | Thumbnail Version | No |
| item.tdur | Video Duration from Content API | No |
| item.complete | Transcoding status [true, false] | Yes |
| item.urlpath | First part of the URL including tdir, prefix from wapi response | No |
| item.args | Same as in wapi response | No |
| item.chunkmaxidx | Maximum Chunk Index | No |
| item.duration | Clip length in seconds | No |
| item.hlsfile | File name for the HLS playlist | No |
| item.seriesid | Id of the series of which this is an episode. This is available only if the item is an episode of a series. | No |
| item.episodeid | Episode id of the clip. This is available only if this clip is an episode of a series type of content, such as a TV show. | No |
| item.seasonid | Season id of the clip. This is available for clips which are of episodic in nature, such as a TV show. | No |
| item.lastupdated | Timestamp in milliseconds when this clip metadata including thumbnail has been updated. App can use this to identify if a clip metadata needs to be re-read. | No |
| item.premium | Indicates if the clip is of premium time and requires a subscription for consumption. Possible values are:  true  false | No. If absent, default value of false is assumed. |
| avp | Attribute value pair indicating metadata of the item | No |
| avp.a | Name of the attribute. | Yes |
| avp.v | Value of the attribute | Yes |

## List of Genres

|  |  |  |  |
| --- | --- | --- | --- |
| **Movies** | **TV Shows** | **Songs** | |
| **Film** | **Non-Film** |
| Action | Astrology | Assamese | Devotional |
| Animation | Comedy | Bengali | Folk |
| Biography | Cookery | Bhojpuri | Indipop |
| Comedy | Crime & Thriller | Bollywood | Pop |
| Crime | Devotional | Gujrati | Rap |
| Devotional | Drama | Kollywood | Gazhal |
| Documentary | Entertainment | Lollywood | Kids |
| Drama | Glamour | Marathi | Other |
| Horror | Health & Lifestyle | Mollywood |  |
| Kids | Kids | Nepali |  |
| Romance | Mythology | Oriya |  |
| Sci-Fi | News | Punjabi |  |
| Thriller | Reality Show | Sandalwood |  |
| Others | Sports | Tollywood |  |

# Clip Meta Access API

## Retrieve a Clip Metadata

### Request

GET /api/clip/load?id=1234 HTTP/1.1

Host: services.vuclip.com

### Success Response

<?xml version="1.0" encoding="UTF-8"?>

<rsp status="success">

<clip cid="1234">

<avp a="title">Bollywood music</avp>

<avp a="des">Bollywood music</avp>

<avp a="tdur">120</avp>

<avp a="cpid">disney</avp>

<avp a="over18">false</avp>

<avp a="ytid">uz72xjcrEgo</avp>

</clip>

</rsp>

### Failure Response

<?xml version="1.0" encoding="UTF-8"?>

<rsp status="failed">

<error id="23">Invalid clip id 1234</error>

</rsp>

## 3.2 API Request Details

|  |  |  |
| --- | --- | --- |
| Attribute | Meaning | Mandatory |
| id | ID of the clip being requested | Yes |

## API Response Details

|  |  |  |
| --- | --- | --- |
| Tag/Attribute | Meaning | Mandatory |
| rsp | Contains the entire response | Yes |
| rsp.status | Status of the response. Possible values are:   * success * failed | Yes |
| error | Provides a human readable error message and an error id | Yes, if rsp.status is failed  No, otherwise |
| error.id | Unique ID of the error; may be used in debugging | Yes, if rsp.status is failed  No, otherwise |
| clip | Contains clip details | Yes |
| clip.cid | cid of the clip | Yes |
| clip.avp.title | Title of the clip | Yes |
| clip.avp.des | Description for the clip | No |
| clip.avp.tdur | Total duration of the clip in seconds. | No |
| clip.avp.cpid | Content partner id | No |
| clip.avp.over18 | Implies if the clip is of adult type. Possible values are:   * true * false | No. If this does not exist, the default value of No should be assumed. |
| clip.avp.ytid | Corresponding YouTube id. This is applicable only if the original source is YouTube. | No |
| clip.avp.singer |  | No |
| clip.avp.actor |  | No |
| clip.avp.music\_director |  | No |
| clip.avp.director |  | No |
| clip.avp.movie\_album\_show\_name |  | No |
| clip.avp.year\_of\_release |  | No |
| clip.avp.actress |  | No |

# Thumb API

Partners can use this interface to retrieve a thumbnail representation of the video that can be used to showcase the video on the partner site.

http://i.vuclip.com/p?cid=<content id>&ver={1|2}&t={thumb192x144|384x288|720x360|480x240}

Where:

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter** | **Value** | **Description** | **Required / Default Value** |
| cid | Integer | This is a unique identifier for the content returned in the search results | Required |
| t | thumb[w]x[h] | w is the required width and h is the required height of the target thumbnail. | Optional.  Default = thumb120x60.  (other example values: thumb80x60, thumb90x60) |
| ver | Integer | Thumbnail version. This needs to be filled in based on “tver” value received in clip details API or in homepage xml. | Optional |

Response to the API call is thumbnail of the video identified by the content id or a default Vuclip image if the engine cannot recognize the content id.

Recommendation:

* + Width<=320: use thumbnail size 180x90. Example: http://i.vuclip.com/p?cid=580566116&t=thumb180x90
  + Width<=480: use thumbnail size 240x120. Example: http://i.vuclip.com/p?cid=580566116&t=thumb240x120
  + width>480: use thumbnail size 320x160. Example: http://i.vuclip.com/p?cid=580566116&t=thumb320x160

# Clip Access API

## Request

Transcoded results of a video returned in the search result can be retrieved using the following API call –

http://api.vuclip.com/wapi?sn=<partner\_id>&cid=<content\_id>&abrs={t|f}&w=<screen\_width>&uid=<user\_id>&iid=<device\_id>

Where:

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Value** | **Description** | **Required / Default Value** |
| sn | [Number] | Site id assigned to partner at registration and configuration | Required. |
| cid | [Number] | The content identifier for the content piece returned in the search result that needs to be transcoded. | Required. |
| ua | [String] | Originate user-agent of the mobile device. Vuclip engine returns the correct playback options based on the mobile make and model. | Optional. (Strongly recommended) |
| ip | [dotted-notation IP] | Originate IP of the mobile device. Vuclip engine returns the correct playback options based on geographic location. | Optional. (Strongly recommended) |
| f | [number] | To specify target format manually. | Optional. |
| sw | [number] | To specify screen width manually. | Optional. |
| sh | [number] | To specify creen height manually. (Not a recommended usage.) | Optional. |
| abrs | t/f | To show abrs format | Optional. |

## Response

Response to the transcoding API is either a transcoded result of the content identified by the content id or an error message.

**request**:  
http://api.vuclip.com/wapi?abrs=t&cid=550505878&f=6&sn=2826&sw=320&uid=123456&iid=345655  
  
**response**:  
<?xml version="1.0" encoding="UTF-8"?>

<result>

<complete>true</complete>

<urlpath>http://s2390.vuclip.com/83/7e/837e1b41cd87a02d29a2cfd908090edd</urlpath>

<args>?c=550505878&amp;u=3278410482&amp;s=BR63D3&amp;abrs</args>

<icondir>80x60</icondir>

<iconmaxidx>34</iconmaxidx>

<hlsfile>hlsc.m3u8</hlsfile>

<tdirforwhole>np63207</tdirforwhole>

<prefixforwhole>837e\_</prefixforwhole>

<profileforwhole>5</profileforwhole>

<extraprofile>1</extraprofile>

<duration>05:40</duration>

<tur>05:33</tur>

<head />

</result>

Where:

|  |  |  |
| --- | --- | --- |
| **Element** | **Value** | **Description** |
| complete | true OR false | Returns “true” if transcoding of content is complete, “false” otherwise. If false, the “percentagedone” parameter indicates progress of the transcoding |
| percentagedone | Integer between 0 and 100 | Percentage of media transcoded. This value may not be present in some cases where the duration of the content is unknown |
| duration | Integer | Media duration in seconds |
| hlsfile | String | File name of the mp3u8 playlist |
| tdirforwhole | String | Folder name |
| urlpath | String | Path prefix to content |
| args | String | Query string to append after constructing a link to the content |

App constructs the direct link to the HLS playlist file by using the <urlpath>, <args>, <hlsfile>, and <tdirforwhole> elements. For example, the absolute location of the playlist file for an example will be: http://s1730.vuclip.com/03/01/0301416bc8a684abbb1ad3103c8caa16/np63207/hlsc.m3u8?c=872427640&u=4810955082&s=BRiZgj&abrs.

It should be noted that the query parameter “u” has been replaced with the actual uid of the application.

## Error Response

*<?xml version="1.0" encoding="utf-8"?>*

*<result>*

*<error>[ERROR MESSAGE]</error>*

*</result>*

List of error messages:

|  |
| --- |
| Error Messaeges |
| Unrecognized media type |
| Original media not found |
| Server error |

# Homepage Access API

## Retrieve Homepage for a Registered User

Home page URL is retrieved from the response of /api/apps/authenticate, “homepage.xml” attribute. Home page is consists of categories. Each category is a separate “tab” in the app. Each category contains one or more container. And each container consists clips and playlists. Category can be of type episodic or collections or default. Each category (except home) has set of filters. Each clip can support sub sections like (songs, scenes, trailors).Title for these sections is defined in <sections> under <body> section.

### Request

GET http://s3-ap-southeast-1.amazonaws.com/sandbox.apac.jigsee.com/pages/vplus\_android/0.0/extended\_home.xml

Success Response

<page>

<body>

<sections>

<section type="songs" title="More songs"/>

<section type="scenes" title="More scenes"/>

<section type="trailors" title="More trailors"/>

</sections>

<category isepisodic="false" iscollection="false" id="0\_2" title="Home" title.arabic="منزل" scroll\_direction="horizontal">

<container id="Featured" title="Featured" recommtitle="Recommended Featured" spotlight="true">

<item type="playlist" paid="true" id="21275288" variation="playlist" tver="-1" tcid="954096409" title="Kids Mania"/>

<item type="playlist" paid="true" id="21275284" variation="playlist" tver="-1" tcid="954096041" title="Michael Jackson Hits"/>

</container>

<container id="Recommended Movies" recommtitle="Recommended Movies" title="Recommended Movies">

<item type="clip" sections="songs" tdur="8974" urlpath="http%3A%2F%2Fs1620.vuclip.com%2Fd0%2F19%2Fd0196cba8b18490455609015da3bf7f2" args="%3Fc%3D920390577%26u%3D3441531026%26s%3DBSpNXn%26abrs" tdirforwhole="ba63207" prefixforwhole="d019\_" profileforwhole="5" tur="149:33" duration="8974" paid="true" id="920390577" tver="0" tcid="-1" title="Padosan"/>

</container>

<container id="Recommended Songs" recommtitle="Recommended Songs" title="Recommended Songs">

<item type="clip" sections="songs" tdur="318" urlpath="http%3A%2F%2Fs1830.vuclip.com%2F31%2Fc2%2F31c28ec71bdb29319dfae47e6dda0b39" args="%3Fc%3D836114004%26u%3D3441531026%26s%3DBSpNXn%26abrs" tdirforwhole="ba63207" prefixforwhole="31c2\_" profileforwhole="5" tur="05:18" duration="318" paid="false" id="836114004" tver="2" tcid="-1" title="Rab Ne Bana Di Jodi - Haule"/>

</container>

<container id="Recommended Shows" recommtitle="Recommended Shows" title="Recommended Shows">

<item type="playlist" paid="false" id="pcc-2147" tver="-1" tcid="954108182" variation="pcc" title="Malgudi Days"/>

<item type="playlist" paid="true" id="pcc-2017" tver="-1" tcid="954106806" variation="pcc" title="Maharana Pratap"/>

</container>

</category>

<category isepisodic="false" iscollection="false" id="1\_2" title="Movies" title.arabic="أفلام" scroll\_direction="vertical">

<filters>

<filter id="lang" caption="Language">

<item id="-1" caption="All"/>

<item id="english" caption="english"/>

<item id="hindi" caption="hindi"/>

</filter>

<filter id="genre" caption="Genre">

<item id="-1" caption="All"/>

<item id="9" caption="Movie"/>

</filter>

</filters>

<container id="movies" recommtitle="Recommended Movies" title="Movies">

<item type="clip" sections="scenes,trailors" paid="true" id="930351858" tcid="-1" tver="4" title="Main Tera Hero"/>

<item type="clip" sections="scenes" paid="true" id="930355552" tcid="-1" tver="3" title="Ragini MMS 2"/>

</container>

</category>

<category isepisodic="true" iscollection="false" id="2\_2" title="TV Shows" title.arabic="البرامج التلفزيونية" scroll\_direction="vertical">

<filters>

<filter id="lang" caption="Language">

<item id="-1" caption="All"/>

</filter>

<filter id="genre" caption="Genre">

<item id="-1" caption="All"/>

<item id="0" caption="Undefined"/>

</filter>

</filters>

<container recommtitle="Recommended Tv Shows" title="Tv Shows">

<item type="playlist" paid="true" id="pcc-1964" tver="-1" tcid="954070714" variation="pcc" title="Balika Vadhu"/>

<item type="playlist" paid="true" id="pcc-1823" tver="-1" tcid="954094111" variation="pcc" title="Comedy Nights With Kapil"/>

<item type="playlist" paid="true" id="pcc-2812" tver="-1" tcid="954141563" variation="pcc" title="Meri Aashiqui Tum Se Hi"/>

</container>

</category>

<category isepisodic="false" iscollection="false" id="3\_2" title="Songs" title.arabic="الأغاني" scroll\_direction="vertical">

<filters>

<filter id="lang" caption="Language">

<item id="-1" caption="All"/>

<item id="hindi" caption="hindi"/>

</filter>

<filter id="genre" caption="Genre">

<item id="-1" caption="All"/>

<item id="11" caption="Songs"/>

<item id="9" caption="Movie"/>

<item id="3" caption="Entertainment"/>

</filter>

</filters>

<container id="songs" recommtitle="Recommended Songs" title="Songs">

<item type="clip" paid="false" id="949973114" tcid="-1" tver="1" title="Inside Out - Hollywood Trailer"/>

<item type="clip" sections="scenes,trailors" paid="true" id="930351858" tcid="-1" tver="0" title="Main Tera Hero"/>

</container>

</category>

<category isepisodic="false" iscollection="true" id="4\_2" title="Collections" scroll\_direction="vertical">

<container id="cllections" recommtitle="Recommended videos" title="Collections">

<item type="playlist" paid="true" id="21424941" tver="-1" tcid="956548180" variation="playlist" autoplay="false" title="Comedy Store"/>

<item type="playlist" paid="true" id="21424793" tver="-1" tcid="956548074" variation="playlist" autoplay="false" title="Greatest Hits Of Katrina Kaife"/>

<item type="playlist" paid="true" id="21424889" tver="-1" tcid="956547985" variation="playlist" autoplay="false" title="Garfield & Friends"/>

<item type="playlist" paid="true" id="21275284" tver="-1" tcid="954096041" variation="playlist" autoplay="false" title="Michael Jackson Hits"/>

<item type="playlist" paid="true" id="21275288" tver="-1" tcid="954096409" variation="playlist" autoplay="false" title="Kids Mania"/>

<item type="playlist" paid="true" id="21419483" tver="-1" tcid="956547485" variation="playlist" autoplay="false" title="Horror Flicks"/>

<item type="playlist" paid="true" id="21348049" tver="-1" tcid="956547368" variation="playlist" autoplay="false" title="SRK - The King Of Romance"/>

     </container>

</category>

</body>

</page>

### Details

|  |  |  |
| --- | --- | --- |
| Element | Description | Mandatory |
| page | Contains all content related attributes for a particular geography. | Yes |
| page.category | Provides a set of containers | Yes |
| container | Provides a set of clips. This has an id which the app can use to browse more content using the container access API. | Yes |
| container.title | App will show this title in the appropriate UI location based on the section. | Yes |
| container.id | Unique Id for the container. App will use this id to browse more content using the container access API. Applicable in case of collections category | Yes |
| container.spotlight | Indicates if the container needs to be rendered differently from others. Possible values are:  true  false | No |
| Container.recommtitle | Title of the recommended tab |  |
| filters | Indicates a set of filter definitions under a category. App should use this definition for rendering a filter section on the app page for content filtering support. | No |
| filter | Defines an individual filter. | Yes |
| filter.id | Uniquely identify the filter within the entire page. | Yes |
| filter.caption | Caption to be shown by the app for this filter | Yes |
| filter.item | Each item within a filter section | Yes |
| item.id | Uniquely identifies the item within the filter | Yes |
| item.caption | Caption to be shown by the app for this item | Yes |
| sections.section.type | Refers to tab under player screen. It can be songs, scenes, trailers | Yes |
| sections.section.title | Title of the tabs under player screen | Yes |
| category.isepisodic | Specifies if the content of this category will be episodic or not | No. If absent default should be false |
| category.iscollection | Specifies if the content of the category is of type collections or not | No. If absent default should be false |
| category.title | Title of the main tabs | Yes |
| category.scroll\_direction | Scroll direction in the category |  |
| category.id | It is used to get more content during scrolling |  |
| container.Item.type | Type can be clip / playlist | Yes |
| container.item.variation | Variation can be pcc,playlist or context | No |
| container.item.tver | Thumbnail Version | Yes |
| container.item.tcid | Thumbnail id in case of playlist | No |
| container.item.title | Clip or Playlist title | Yes |
| container.item.paid | Specifies whether the content is paid or free | No. Default is free |