



Media Partner API

v3.1

Technical Specification for Theatrical and Home Entertainment Feed

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Introduction

The feed API enables Preview Networks partners to incorporate Preview Networks data into their own websites.

This document describes the data available, and the means by which it should be requested.

This document does not give guidance on incorporating the data provided into third party websites.

1. What's new in Feed v3.1?

This update to the XML API features a number of changes. These are intended to provide partners with additional functionality and a more accessible API. The main difference between this feed and v3.0 is the integration of DVD and Blu-ray (Home entertainment) metadata to cover any information regarding these products, as well as the addition of a search parameter to retrieve content by keywords. Therefore, this version will not make any changes to the Cinema feed as such. Other new additions are shown in red below.

2. Service Overview

This service comprises the following data feeds:

- **Theatrical Movies** – providing a listing of cinema releases, including the metadata, trailers and extra video content for each movie.
- **DVD/BRD Movies** – providing a listing of DVD and Blu-Ray releases, including the metadata, trailers and extra video content for each movie.

These feeds are designed to provide a periodic data pull, rather than a real time service. As such the results should be cached or otherwise stored by the partner. The recommended refresh period for each feeds is given below.

2.1. Access restrictions

Only authorised partners, those with a valid Channel User ID, may use the URLs provided. All requests are logged and, in the event of apparent abuse of the service, access may be withdrawn with no prior notice.

Under no circumstances may a partner disclose the URLs provided for the service to any third party.

Full terms and conditions of use of this service will be supplied to interested parties.

2.2. Data requests

All requests must use 'GET' requests, and must use the partner identifier in the Channel User ID parameter of the request.

3. The Feed URL

Feeds are country specific; the first part of the URL determines which feed is used. The following codes are used:

uk	United Kingdom
fr	France
de	Germany
es	Spain
it	Italy
ch	Switzerland (German language)
ch-fr	Switzerland (French language)
nl	The Netherlands
dk	Denmark
se	Sweden
fi	Finland

3.1. Theatrical Feed

3.1.1. URL Structure

[http://\[region_code\].feed.previewnetworks.com/v3.1/cinema/\[feed_name-limit,offset\]](http://[region_code].feed.previewnetworks.com/v3.1/cinema/[feed_name-limit,offset])
or [movie_id/channel_user_id/](#)

3.1.2. Parameters

Name	Purpose	Accepted Values
channel_user_id	Required Identifies the requesting partner	Please contact us for your Channel User ID.
feed_name	Required Identifies how the feed should be organized.	newest-20 The latest 20 films added to our database. now-20 20 current films in the cinema. coming-20 20 films coming to the cinema. search-20 up to 20 results from searching through any field in the XML Genre - Any feed name as CinemaAction (by genre) or exclusive feed name (MovieBeat) will work The number can be between 1 and 99.
movie_id	Use this to specify one movie only. Can be called directly.	A valid movie id.

file_type	Use this to specify a media format	flv mp4 wmv 3gp ¹
quality	Choose clip quality	small, medium, large, xlarge, xxlarge
3gp	Get 3gp format as any other formats	Small integer (0 for false and 1 for true)
last_update	Get for a specific feed name the last updated/inserted movies	Unix stamp (Epoch as 1 st January 1970): 2009/12/08 will be 1260290912. In this example the feed will get any movies updated from this date.
product_type	For he (Home Entertainment feed) only. It will return both DVD and Blu-ray product with the dvd product as the sorting product unless specified otherwise using product_type	String: dvd or bluray
clip_type	Choose clip type id	List, array, range or single integer. Please find explanation for this parameter below.
premiere_week	Returns all movies released in one or more specific calender weeks	premiere_week[]=1&clip_type[]=3 (array); premiere_week=1-3 (range); premiere_week=1,2,6 (list) premiere_week=1-3,5,8-9 (mix)
search_field search_query	Specifies which field in the XML to search through and what string to search for	If feed_name equals "search" these parameters return movies by "search_field" with string specified by "search_query"

clip_type explanation:

Trailers are clip type 1 -6. All clips above clip_type 6 are extra video content for the movie.

This parameter can be either:

- **List:** clip_type=1,2,3 meaning selecting any trailers for any movies which are type 1, type 2 or type 3. The list will include only the trailers matching these clip type id. If none found the feed will return all of them
- **Array:** clip_type[]=1&clip_type[]=3 meaning selecting any trailers for any movies which are type 1, and/or type 3. The list will include only the trailers matching these clip type id. If none found the feed will return all of them
- **Range:** clip_type=1-4 meaning selecting any trailers for any movies which are from type 1 to type 4. The list will include only the trailers matching these clip type id. If none found the feed will return all of them
- **Mixed rang/list:** clip_type=1-4,7,9-12. This will return clip type id from 1 to 4 and/or clip type id 7 and /or range from 9 to 12. If none will return all of them.

¹ Only if the channel user id is authorized to access 3gp file format

“search” explanation:

This parameter can search through the entire database when the feed_type is set to “search-20” (this returns up to 20 results):

- **search_field:** this parameter specifies which field in the XML to search through. Options are:
 - original_title
 - movie_duration
 - production_year
 - official_website
 - actor
 - writer
 - director
 - producer
 - age_limit
 - link_site
 - search_engine
 - categorie
 - country
 - product_title
 - description
 - barcodes
 - distributor
- **search_query:** This can be any string. The parameter is not case sensitive.

3.1.3. Example URL:

Multiple movies:

<http://dk.feed.previewnetworks.com/v3.1/cinema/coming-20/101-1/>

Multiple movies with query parameters:

http://dk.feed.previewnetworks.com/v3.1/cinema/coming-20/101-1/?file_type=mp4&quality=large&clip_type=2

Multiple movies with query parameters using last_update date:

http://dk.feed.previewnetworks.com/v3.1/cinema/coming-20/101-1/?last_update=1260290912

Multiple movies with 3gp:

<http://se.feed.previewnetworks.com/v3.1/cinema/coming-10/XXXXXX/?3gp=1>

Multiple movies with only 3gp:

http://se.feed.previewnetworks.com/v3.1/cinema/coming-10/XXXXXX/?3gp=1&file_type=3gp

Single movie:

<http://uk.feed.previewnetworks.com/v3.1/cinema/2154/44110000-1>

Single movie with query parameters:

http://dk.feed.previewnetworks.com/v3.1/cinema/2154/101-1/?file_type=mov&quality=large

Single movie with 3gp:

<http://se.feed.previewnetworks.com/v3.1/cinema/3093/XXXXXX/?3gp=1>

Single movie with only 3gp:

http://se.feed.previewnetworks.com/v3.1/cinema/3093/XXXXXX/?3gp=1&file_type=3gp

All movies in one specific premiere week:

http://uk.feed.previewnetworks.com/v3.1/cinema/all/XXXXXXXXX/?premiere_week=36

All movies that match a specific search term:

http://uk.feed.previewnetworks.com/v3.1/cinema/search-10/XXXXXXXXX/?search_field=original_title&search_query=iron

3.2. Home Entertainment Feed

3.2.1. URL Structure

[http://\[region_code\].feed.previewnetworks.com/v3.1/\[product type\]/\[feed_name-limit,offset\] or movie_id/channel_user_id/](http://[region_code].feed.previewnetworks.com/v3.1/[product type]/[feed_name-limit,offset] or movie_id/channel_user_id/)

Product type can be "DVD", "bluray" or "he" (he = combination of DVD and Blu-Ray).

3.2.2. Parameters

Same parameters as in Theatrical feed.

3.2.3. Example URL:

Multiple movies DVD only:

<http://dk.feed.previewnetworks.com/v3.1/dvd/coming-20/101-1/>

Multiple movies Blu-ray only:

<http://dk.feed.previewnetworks.com/v3.1/bluray/coming-20/101-1/>

Multiple movies both products:

<http://dk.feed.previewnetworks.com/v3.1/he/coming-20/101-1/>

(This feed will return two product nodes inside each products root node: DVD and for Blu-ray.)

Single movie:

<http://uk.feed.previewnetworks.com/v3.1/dvd/2154/44110000-1>

4. Data returned

Node name	Elements	Description	Type
movie	movie_id (Attribute)	Preview networks movie ID.	Integer
	imdb_id (Attribute)	IMDB ID	Integer
original_title		Original title of film in original language.	String
movie_duration		Duration in minutes.	Integer
production_year		Film production year.	Integer
official_website		Full URL.	String
actor	id (Attribute)	Internal id	Integer
	node value	Name of actor.	String
writer	id (Attribute)	Internal id	Integer
	node value	Name of writer.	String
director	id (Attribute)	Internal id	Integer
	node value	Name of director.	String
producers	id (Attribute)	Internal id	Integer
	node value	Name of producer.	String
region	movie_region_id (Attribute)	Internal id	Integer
	rid (Attribute)	Internal id	Integer
	name (Attribute)	Country name	String
	short_name (Attribute)	Short country name	String
pub_date	unix_stamp	Publication date since Epoch	Integer
	node value	Publication date	Date YYYY/MM/DD
upd_date	unix_stamp	Last update date since Epoch	Integer
	node value	Last update date	Date YYYY/MM/DD
age_limit	node value	Age limit for movie/clip	Integer
link_site	Node value	Regional website for movie	String
search_engine	Node value	Words for search engine optimization.	String
categorie	id (Attribute)	Internal id	Integer
	node value	Category name.	String
country	id (Attribute)	Internal id	Integer
	node value	Production country.	String
picture	id (Attribute)	Internal id	Integer
	type_id (Attribute)	Internal id	Integer
	type_name (Attribute)	Internal name	String
	status_id (Attribute)	Status id	Integer
url	Node value	Image URL.	String
width	Node value	Image width (pixels).	Integer
height	Node value	Image height (pixels).	Integer
mime_type	Node Value	MIME media type.	String
type_pic	id (Attribute)	Internal id	Integer
	node value	Picture type name.	String
pub_date	unix_stamp (Attribute)	Last update date since Epoch for picture	Integer
	node value	Last update date for picture	Date YYYY/MM/DD
md5	Node value	Md5 sum of the picture	String

product	product_id (Attribute) mfid (Attribute) name (Attribute) tag_id (Attribute) upd_date (Attribute) upd_date_unix (Attribute) supplierArtNo (Attribute)	Internal id Internal id (1 for Cinema, 2 for DVD) Cinema, bluray, dvd Internal ID Last update date for products and clips Last update date for products and clips unix stamp Supplier Article no (Home entertainment)	Integer Integer String Integer Date YYYY/MM/DD Long integer String
product_title	Node value	Local movie title	String
description	Node value	Synopsis for movie	Text
premiere	unix_stamp (Attribute) node value	Release date since Epoch for picture Release date of the movie in specific region	Integer Date YYYY/MM/DD
pub_date	unix_stamp (Attribute) node value	Last update date since Epoch for specific product Last update date for specific product	Integer Date YYYY/MM/DD
ean	sellthrough (Attribute) rental (Attribute)	EAN no for etailer EAN no for rental <i>Only applies to Home Entertainment</i>	String String
distributor	id (Attribute) node value	Internal id Distributor name	Integer String
asin	asin no	Amazon ASIN number	String
sub	language node child Node value	Language subtitle for Home Entertainment	String
sound	language node child Node value	Language sound for Home Entertainment	String
pictureformatdvd	Node value	Picture format	String
extra	Node value	Extra material synopsis, only for Home Entertainment	Text
md5	Node value	Md5 sum of the clip url	String
size	Node value	Bytes	Integer
duration	Node value	Duration of the clip	Time 00:00:00.00
pub_date	unix_stamp (Attribute) node value	Publication date since Epoch for specific trailer Publication date for specific trailer	Integer Date YYYY/MM/DD

Refresh frequency:

It is recommended that this request is made on an “as required” basis when partners are notified of new additions.

Schema:

Due to the length of the feed, the schema is best viewed by opening the URL using the Firefox browser.

5. Contact Information

If you have any questions regarding our services please contact the following:

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6. Appendix (Encoding specification)

	Size ID	Resolution (pixels)	Video Bit Rate (kbps)	Frame Rate (fps)	Video Codec	Audio Channel (s)	Audio Bit Rate	Audio Sampling Rate	Audio Codec
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MP4

large	3	320x180	200	24	h264	2	128	44100	AAC
xlarge	4	480x272	450	24	h264	2	128	44100	AAC
xxlarge	5	640x360	750	24	h264	2	128	44100	AAC
HD 480p	6	848x448	1200	25	h264	2 or 5.1	128 or 384	48000	AAC
HD 720p	7	1280x720	2000	25	h264	2 or 5.1	128 or 384	48000	AAC
HD 1080p	8	1920x1080	8000	25	h264	2 or 5.1	128 or 384	48000	AAC

FLV

small	1	160x90	86	12	h264	1	16	11025	MP3
medium	2	240x136	174	16	h264	1	32	22050	MP3
large	3	320x180	270	20	h264	2	48	44100	MP3
xlarge	4	400x226	450	24	h264	2	96	44100	MP3
xxlarge	5	640x360	1050	24	h264	2	96	44100	MP3

WMV

small	1	160x90	86	12	MP43	1	32	11025	WMA
medium	2	240x136	174	16	MP43	1	32	22050	WMA
large	3	320x180	270	20	MP43	2	48	44100	WMA
xlarge	4	400x226	450	24	MP43	2	96	44100	WMA
xxlarge	5	640x360	1050	24	MP43	2	96	44100	WMA

3GP

9	176x144	80	15	h263	1	12,2	8000	MP3
10	176x144	80	15	h264	1	32	16000	AAC