Media Partner API

v3.1

Technical Specification for Theatrical and Home Entertainment Feed

January 4th, 2010

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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 data. 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. Therefore this version will not make any changes to the Cinema feed as such. 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 EPK material for each movie.
- **DVD/BRD Movies** – providing a listing of DVD and Blu-Ray releases, including the metadata, trailers and EPK material 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 All requests are logged and, in the event of apparent abuse of the service, access may be withdrawn with no prior notice.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.   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 at the cinema. coming-20 20 films coming to the cinema. Any feed name as CinemaAction (by genre) or exclusive feed name (MovieBeat) will work The number can be between 1 and 50.
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 mov wmv 3gp[1](NEW FEATURE)
quality	Choose clip quality	small, medium, large, xlarge, xxlarge

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

3gp NEW FEATURE	Get 3gp format as any other formats	Small integer (0 for false and 1 for true)[2]
last_update	Get for a specific feed name the last updated/inserted movies	Unix stamp (Epoch as 1st 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 below explanation for this parameter.

clip_type explanation:

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.

3.1.2. URL Structure

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

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

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=mov&quality=large

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[2]   Only if the channel user id is authorized to access 3gp file format

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 (NEW FEATURE):
http://se.feed.previewnetworks.com/v3.1/cinema/coming-10/XXXXXX/?3gp=1

Multiple movies with only 3gp (NEW FEATURE):
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 (NEW FEATURE):
http://se.feed.previewnetworks.com/v3.1/cinema/3093/XXXXXX/?3gp=1

Single movie with only 3gp (NEW FEATURE):
http://se.feed.previewnetworks.com/v3.1/cinema/3093/XXXXXX/?3gp=1&file_type=3gp

3.2. Home Entertainment Feed

3.2.1. Parameters

Same parameters as in Theatrical feed.

3.2.2. URL Structure

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

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

3.2.3. Example URL:

Multiple movies DVD only:
http://dk.feed.previewnetworks.com/v3.1/dvd/coming-20/101-1/

Multiple movies bluray 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 bluray.

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) imdb_id (Attribute)	Preview networks movie ID. IMDB ID	Integer 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) node value	Internal id Name of actor.	Integer String
writer	id (Attribute) node value	Internal id Name of writer.	Integer String
director	id (Attribute) node value	Internal id Name of director.	Integer String
producers	id (Attribute) node value	Internal id Name of producer.	Integer String
region	movie_region_id (Attribute) rid (Attribute) name (Attribute) short_name (Attribute)	Internal id Internal id Country name Short country name	Integer Integer String String
pub_date	unix_stamp node value	Publication date since Epoch Publication date	Integer Date YYYY/MM/DD
upd_date	unix_stamp node value	Last update date since Epoch Last update date	Integer Date YYYY/MM/DD
age_limit	node value	Age limit for movie	Integer
link_site	Node value	Regional website for movie	String
search_engine	Node value	Words for search engine optimization.	String
categorie	id (Attribute) node value	Internal id Category name.	Integer String
country	id (Attribute) node value	Internal id Production country.	Integer 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 url	String
product	product_id (Attribute)	Internal id	Integer
	mfid (Attribute)	Internal id (1 for Cinema, 2 for DVD)	Integer
	name (Attribute)	Cinema, bluray, dvd	String
	tag_id (Attribute)	Internal ID	Integer
	upd_date (Attribute)	Last update date for products and clips	Date YYYY/MM/DD
	upd_date_unix (Attribute)	Last update date for products and clips unix stamp	Long integer
	supplierArtNo (Attribute)	Supplier Art no (Home entertainment)	String
product_title	Node value	Local movie title	String
description	Node value	Synopsis for movie	Text
premiere	unix_stamp (Attribute)	Release date since Epoch for picture	Integer
	node value	Release date of the movie in specific region	Date YYYY/MM/DD
pub_date	unix_stamp (Attribute)	Last update date since Epoch for specific product	Integer
	node value	Last update date for specific product	Date YYYY/MM/DD
ean	sellthrough (Attribute)	EAN no for etailer	String
	rental (Attribute)	EAN no for rental	String
		Only applies to Home Entertainment	
distributor	id (Attribute)	Internal id	Integer
	node value	Distributor name	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)	Publication date since	Integer

	node value	Epoch for specific trailer Publication date for specific trailer	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
MP4									
large	3	320x180	200	24		2	128	44100	
xlarge	4	480x272	450	24		2	128	44100	
xxlarge	5	640x360	750	24		2	128	44100	
HD480p	6	848x448	1200	25		2 or 5.1	128 or 384	48000	
HD720p	7	1280x720	2000	25		2 or 5.1	128 or 384	48000	
HD 1080p	8	1920x1080	8000	25		2 or 5.1	128 or 384	48000	
FLV									
small	1	160x90	86	12		1	16	11025	
medium	2	240x136	174	16		1	32	22050	
large	3	320x180	270	20		2	48	44100	
xlarge	4	400x226	450	24		2	96	44100	
xxlarge	5	640x360	1050	24		2	96	44100	
WMV									
small	1	160x90	86	12		1	32	11025	
medium	2	240x136	174	16		1	32	22050	
large	3	320x180	270	20		2	48	44100	
xlarge	4	400x226	450	24		2	96	44100	
xxlarge	5	640x360	1050	24		2	96	44100	
3GP									
	9	176x144	80	15	h263	1	12,2	8000	mp3
	10	176x144	80	15	h264	1	32	16000	aac
MOW	*(content will no longer be encoded into this format after November 1, 2009)*								
small	1	160x90	86	12		1	16	11025	
medium	2	240x136	174	16		1	32	22050	
large	3	320x180	270	20		2	48	44100	
xlarge	4	400x226	450	24		2	96	44100	
xxlarge	5	640x360	1050	24		2	96	44100	