

For Developers

Rooms API Service Documentation for News Releases

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1. Introduction

The Rooms API Service provides users with access—by request—to PR Newswire news releases loaded into a Rooms Microsite, in XML or JSON format. For additional questions or technical support beyond this document, please email sitesupport@prnewswire.com or call 1-800-654-7863.

SERVICE INTERRUPTIONS: From time to time we may need to take the service off-line for maintenance or upgrades. Updates which require a service interruption are extremely infrequent. Scheduled maintenance events are always scheduled during off-peak times such as evenings and weekends. Clients will always be notified on our Dashboard about the precise timing of these events and should plan accordingly. During these outages, we will send a 503 Service Temporarily Unavailable message. Clients who have built their own system around our API should develop their application in such a way as to be able to handle system down-time.

SECURITY NOTE: In the Site Manager, there is a setting that allows admins to protect certain types of content behind a user login (Tools > Site Registration > Settings > Content Requiring Login). Please note that these settings do NOT prevent access to any content via API requests.

2. Suggested Workflows

There are many possible ways to implement this API, but your approach is generally going to fall into one of these two types of workflows, depending on whether or not you will be storing the content in your own database:

WORKFLOW #1: In this scenario you request content for every release exactly once and store it in your own database for use by your own application independently of the API server.

First get a list of the latest 50 releases for a one-time backfill of your release history (use `start_date` and `end_date` to get older releases if needed):

```
http://your-site-domain/api/newsfeed_releases/list.php
```

Use the id of each record to obtain the full content of each release, and save to your database:

```
http://your-site-domain/api/newsfeed_releases/get.php?id=n
```

From this point forward you will want to regularly poll the API for any new or modified releases. The easiest and most efficient way to do this is to take the `latestModified` element from your previous `list.php` result, and supply it as the `modified_since` input in your next `list.php` request:

```
http://your-site-domain/api/newsfeed_releases/list.php?modified_since=t
```

WORKFLOW #2: In this scenario you will not be storing the returned content on your own servers. Instead you will request content from the API server on demand as needed to serve your application in real time. How exactly you structure your API requests will depend on the nature of your application, but here are some general examples:

List releases in a given category in a given date range:

```
http://your-site-domain/api/newsfeed_releases/list.php
?start_date=yyyymmdd&end_date=yyyymmdd&category=n
```

Return 10 items after skipping 20 items (i.e. for the third 10-item page of a paginated interface):

```
http://your-site-domain/api/newsfeed_releases/list.php?limit=10&offset=20
```

Get full content for a given release:

```
http://your-site-domain/api/newsfeed_releases/get.php?id=n
```

3. API URLs and Input Parameters

All inputs are optional except where specified.

LIST CATEGORIES

```
http://your-site-domain/api/newsfeed_releases/list_categories.php
```

Parameter	Allowed Values	Description
limit	integer 1-50 (default 50)	Maximum number of matching items to return
offset	integer	Number of matching items to skip (useful for pagination when used in conjunction with limit)
safehtml	boolean (yes or no, default no)	Convert UTF-8 characters to their corresponding HTML entities
format	xml, json	Output in XML or JSON format (default XML)

LIST RELEASES

```
http://your-site-domain/api/newsfeed_releases/list.php
```

Parameter	Allowed Values	Description
modified_since	integer timestamp	Provide the latestModified value from your previous list.php result to return only items added or modified since then (see workflow #1 above)
category	Integer or CSV	Return only items in the category with the specified id. Multiple categories can be separated with commas, e.g. category=34,35
require_categories	ANY or ALL	ANY returns releases in any of the specified categories. ALL only returns releases that are in all of the specified categories. Defaults to ANY if not specified.
start_date	date[time] string	Return only items with dates on or after the specified date/time. Most common formats are accepted, such as YYYYMMDD, YYYY-MM-DD, YYYYMMDDHHmm, etc.
end_date	date[time] string	Return only items with dates on or before the specified date/time

limit	integer 1-50 (default 50)	Maximum number of matching items to return
offset	integer	Number of matching items to skip (useful for pagination when used in conjunction with limit)
safehtml	boolean (yes or no, default no)	Convert UTF-8 characters to their corresponding HTML entities
fields	CSV	Specify fields to include in the results as a comma separated list. Permitted fields: modified, modifiedDate, release_datetime, releaseDate, headline, subheadline, subheadline1...subheadline9, summary, distributor, location, ticker, contact, image, image_caption, image_alt, image_align, image_margin, image_url, image_url_target, thumbnail_override, origin, active, tag, category
language	IETF language tag (e.g. "en-us" or "fr-ca")	Return only items in the specified language. You may use wildcards to match a language regardless of locality. For example <i>en*</i> will match both <i>en-US</i> and <i>en-GB</i> .
tag	string or CSV	Return only items matching the given tag, or multiple tags separated by commas
require_tags	ANY or ALL	When specifying multiple tags, ANY returns releases matching any of the specified tags. ALL only returns releases matching all of the specified tags. Defaults to ANY if not specified.
format	xml, json	Output in XML or JSON format (default XML)
keywords	string or CSV	Keyword match on headline or body. Multiple words separated by commas. Not supported in combination with language, tag, or modified_since inputs.
date_format	"short" or "long"	Return dates fully formatted for display according to the site locale (defaults to RFC2822 format, an English-based parseable standard)

GET RELEASE CONTENT

http://your-site-domain/api/newsfeed_releases/get.php

Parameter	Allowed Values	Description
id (required)	integer	Provide an item id returned by list.php.
safehtml	boolean (yes or no, default no)	Convert UTF-8 characters to their corresponding HTML entities
format	xml, json	Output in XML or JSON format (default XML)
style_in_body	0 or 1, (default 1)	PRNewswire Feed releases can come with a style tag in the body field. Setting this to 0 will move this CSS to a separate css field.