

Package: rspmapi (via r-universe)

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Title R Wrapper Around The RStudio Package Manager API

Version 0.0.0.9000

Description Provides functions for querying the RStudio Package Manager API. If your organisation uses RStudio Package Manager, this package will allow you to interact with it's API directly from R without having to construct the queries manually.

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Repository <https://sellorm.r-universe.dev>

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alerts	<i>Fetches a list of alerts</i>
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Description

Fetches a list of alerts for events such as excessive file usage

Usage

```
alerts(instance)
```

Arguments

instance	An rspm_instance object created with instance().
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instance	<i>Connect to an RStudio Package Manager instance</i>
----------	---

Description

Connect to an RStudio Package Manager instance

Usage

```
instance(url, silent = FALSE)
```

Arguments

url	string The URL of the Package Manager instance
silent	boolean Silences the connection status message

metrics_packages	<i>Fetches usage data from the metrics API</i>
------------------	--

Description

This API takes two possible parameters resulting in a URL of the form: `/__api__/metrics/packages?_sourceType=r&_da`

Usage

```
metrics_packages(instance, params = list())
```

Arguments

instance	An <code>rspm_instance</code> object created with <code>instance()</code> .
params	A list of optional query parametes

repos	<i>Fetches lists of repositories</i>
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Description

Fetches lists of repositories

Usage

```
repos(instance, params = list())
```

Arguments

instance	An <code>rspm_instance</code> object created with <code>instance()</code>
params	A list of optional parameters applied to the API query

repos_first_transaction

Fetches the date of the earliest calendar transaction for a repo

Description

Fetches the date of the earliest calendar transaction for a repo. Considers only transactions that are viable for calendar-based snapshots.

Usage

```
repos_first_transaction(instance, id)
```

Arguments

instance	An rspm_instance object created with instance().
id	An RSPM repository ID

repos_packages

Fetches lists of packages for a specific repository with optional filters

Description

Fetches a single package for a specific repository with optional parameters

Usage

```
repos_packages(instance, id, name = NULL, params = list())
```

Arguments

instance	An rspm_instance object created with instance()
id	An RSPM repository ID
name	A package name
params	A list of optional parameters applied to the API query

repos_packages_sysreqs

Fetches lists of system requirements for a specific repository and package

Description

Fetches lists of system requirements for a specific repository and package

Usage

```
repos_packages_sysreqs(instance, id, name, params = list())
```

Arguments

instance	An rspm_instance object created with instance()
id	An RSPM repository ID
name	A package name
params	A list of optional parameters applied to the API query

repos_sources

Fetches lists of source records for a specific repository

Description

Fetches lists of source records for a specific repository

Usage

```
repos_sources(instance, id, params = list())
```

Arguments

instance	An rspm_instance object created with instance()
id	An RSPM repository ID
params	A list of optional parameters applied to the API query

repos_sysreqs	<i>Fetches list of system requirements for a specific repository</i>
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Description

Fetches list of system requirements for a specific repository

Usage

```
repos_sysreqs(instance, id, params = list())
```

Arguments

instance	An rspm_instance object created with instance()
id	An RSPM repository ID
params	A list of optional parameters applied to the API query

return_endpoint	<i>The generic endpoint access function</i>
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Description

builds appropriate query strings and performs requests against the supplied RSPM instance

Usage

```
return_endpoint(instance, endpoint, params = list())
```

Arguments

instance	An RSPM instance object created with instance()
endpoint	The API endpoint to query
params	Optional list of query parameters

sources	<i>Fetches lists of sources available in RSPM</i>
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Description

Fetches lists of sources available in RSPM

Usage

```
sources(instance)
```

Arguments

instance	An rspm_instance object created with instance()
----------	---

sources_packages	<i>Fetches lists of packages for a specific source with optional filters</i>
------------------	--

Description

Fetches lists of packages for a specific source with optional filters

Usage

```
sources_packages(instance, id, params = list())
```

Arguments

instance	An rspm_instance object created with instance()
id	An RSPM source ID
params	A list of optional parameters applied to the API query

sources_packages_releases

Fetches lists of PyPI package releases for a specific package name and source with optional filters

Description

Fetches lists of PyPI package releases for a specific package name and source with optional filters

Usage

```
sources_packages_releases(instance, id, name, params = list())
```

Arguments

instance	An rspm_instance object created with instance()
id	An RSPM source ID
name	A package name
params	A list of optional parameters applied to the API query

sources_transactions *Fetches lists of transactions for a given source*

Description

Fetches lists of transactions for a given source

Usage

```
sources_transactions(instance, id, params = list())
```

Arguments

instance	An rspm_instance object created with instance().
id	An RSPM source ID
params	A list of optional parameters applied to the API query

status	<i>Fetches the status of the RStudio Package Manager server</i>
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Description

Fetches the status of the RStudio Package Manager server

Usage

```
status(instance)
```

Arguments

instance An `rspm_instance` object created with `instance()`.

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