

Package ‘Rgrd’

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Type Package

Title Tools and Utilities for Grd

Version 0.02

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Depends R (>= 1.8.0), RCurl (>= 1.95), jsonlite (>= 0.9.16), httr (>= 0.6.1)

Description Data analysis and tools over a Global record device System storing data about digital devices traceability

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URL <http://www.ereuse.org>, <https://github.com/eReuse/grd-utils>

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NeedsCompilation no

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Rgrd-package	<i>Tools and Utilities for Grd</i>
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Description

Data analysis and tools over a Global Record Device (GRD) system storing data about digital devices traceability.

Details

Package: Rgrd
Type: Package
Version: 1.0
Date: 2015-06-08

Author(s)

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References

Literature or other references for background information

getData

GetData

Description

getData This function is used to return data pointing to an url resource

Usage

```
getData(url = "http://sandbox.ereuse.org/api/devices/", token = "f012ee230b324f384f4def745ed0a8702")
```

Arguments

url an uri pointing to a resource
token a string with a valid access for a given user and resource

Details

These command will return any authorized data for a given uri resource.

Value

a list (result, error, url called)

`getPath`*GetPath*

Description

`getPath` This function is used to return the path to access API rest resources.

Usage

```
getPath(path_base = "http://sandbox.ereuse.org", name = "devices")
```

Arguments

<code>path_base</code>	an uri pointing to a sandbox
<code>name</code>	(string) of the API REST resource, for example: "agents", "devices", "events",...

Details

If name do not match to any resource returns an error.

Value

a list (result, error)

`getToken`*Get Token*

Description

`getToken` This function is used to get authentication token to access to your grd session. This will enable many bits of functionality as well as allow other commands to provide more options

Usage

```
getToken(url = "xxx", username = "xxx", password = "xxx")
```

Arguments

<code>url</code>	an uri pointing to a RESTful API to provide a token access
<code>username</code>	(string) provided by ereuse.org federated platforms.
<code>password</code>	(string) provided by ereuse.org federated platforms.

Details

If username or password is invalid HTTP Status Code = 400

Value

a list (result, error, call())
result contains token id#'

See Also

http://sandbox.ereuse.org/swagger-ui/#!/default/post_api_token_auth

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