

# Package ‘Rgrd’

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**Type** Package

**Title** Tools and Utilities for Grd

**Version** 1.01

**Date** 2015-06-09

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

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

**License** file LICENSE

**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  
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**Author(s)**

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**References**

# Literature or other references for background information

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getDevicesJson	<i>Get Devices</i>
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**Description**

getDevicesJson This function returns all devices stored on GRD.

**Usage**

```
devices <- getDevices(url)
```

**Arguments**

url                      an uri pointing to a RESTful API to provide a list of devices

**Details**

Not finished

**Value**

A list of 3 values. result is a json, error is a logical, call is list of one value (url called)

**See Also**

[http://sandbox.ereuse.org/swagger-ui/#!/default/get\\_api\\_devices](http://sandbox.ereuse.org/swagger-ui/#!/default/get_api_devices)

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getToken	<i>Get Token</i>
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**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](http://sandbox.ereuse.org/swagger-ui/#!/default/post_api_token_auth)

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