

Package ‘rosetteApi’

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Type Package

Title What the package does (short line)

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Author Who wrote it

Maintainer Who to complain to <yourfault@somewhere.net>

Description More about what it does (maybe more than one line)

License What license is it under?

R topics documented:

api	1
check_content_parameters	2
check_for_multipart	2
check_morphology	3
check_names	3
check_version	4
create_multipart	4
error_check	5
get_endpoint	5
mutipart_call	6
post_endpoint	6
to_json	7
Index	8

api	<i>api wrapper function that checks for a user_key and determines the Rosette API endpoint to be utilized</i>
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Description

api wrapper function that checks for a user_key and determines the Rosette API endpoint to be utilized

Usage

```
api(user_key, endpoint, parameters = NULL)
```

Arguments

user_key	- Rosette API authentication key
endpoint	- Rosette API endpoint to be utilized
parameters	- parameters list to be passed to specified Rosette API endpoint

Value

Returns json of the specified Rosette API endpoint response

check_content_parameters

preemptive check for content/contentUri request parameter errors

Description

preemptive check for content/contentUri request parameter errors

Usage

```
check_content_parameters(parameters)
```

Arguments

parameters	- parameters list to be passed to specified Rosette API endpoint
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Value

Returns list of verified parameters to be sent to Rosette API

check_for_multipart

check if the request parameters contain multipart

Description

check if the request parameters contain multipart

Usage

```
check_for_multipart(user_key, parameters, endpoint)
```

Arguments

user_key	- Rosette API authentication key
parameters	- parameters list to be passed to specified Rosette API endpoint
endpoint	- Rosette API endpoint to be utilized

Value

Returns json of the specified Rosette API endpoint response from either a multipart or non-multipart request

check_morphology	<i>determine which morphology endpoint to use</i>
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Description

determine which morphology endpoint to use

Usage

```
check_morphology(parameters, endpoint)
```

Arguments

parameters	- parameters list to be passed to specified Rosette API endpoint
endpoint	- Rosette API endpoint to be utilized

Value

Returns the specified morphology function

check_names	<i>check if the required request parameters for either names endpoint are correct</i>
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Description

check if the required request parameters for either names endpoint are correct

Usage

```
check_names(parameters, endpoint)
```

Arguments

parameters	- parameters list to be passed to specified Rosette API endpoint
endpoint	- Rosette API endpoint to be utilized

Value

Returns list of verified parameters to be sent to Rosette API

check_version	<i>check if server and binding versions are compatible</i>
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Description

check if server and binding versions are compatible

Usage

```
check_version(user_key, url = "https://api.rosette.com/rest/v1/")
```

Arguments

user_key	- Rosette API authentication key
url	- Rosette API url

Value

Returns the response from the Rosette API checkVersion endpoint

create_multipart	<i>create a multipart</i>
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Description

create a multipart

Usage

```
create_multipart(parameters)
```

Arguments

parameters	- parameters list to be passed to specified Rosette API endpoint
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Value

Returns a multipart

error_check	<i>check if Rosette API response includes and error message</i>
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Description

check if Rosette API response includes and error message

Usage

```
error_check(response)
```

Arguments

response - response from Rosette API

Value

Returns an error if one exists or the Rosette API response

get_endpoint	<i>GET request to specified Rosette API endpoint</i>
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Description

GET request to specified Rosette API endpoint

Usage

```
get_endpoint(user_key, endpoint, url = "https://api.rosette.com/rest/v1/")
```

Arguments

user_key - Rosette API authentication key
endpoint - Rosette API endpoint to be utilized
url - Rosette API url

Value

Returns the response from the Rosette API

mutipart_call	<i>make a multipart POST request</i>
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Description

make a multipart POST request

Usage

```
mutipart_call(user_key, parameters, endpoint,  
url = "https://api.rosette.com/rest/v1/")
```

Arguments

user_key	- Rosette API authentication key
parameters	- parameters list to be passed to specified Rosette API endpoint
endpoint	- Rosette API endpoint to be utilized
url	- Rosette API url

Value

Returns the response from the Rosette API

post_endpoint	<i>POST request to specified Rosette API endpoint</i>
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Description

POST request to specified Rosette API endpoint

Usage

```
post_endpoint(user_key, parameters, endpoint,  
url = "https://api.rosette.com/rest/v1/")
```

Arguments

user_key	- Rosette API authentication key
parameters	- parameters list to be passed to specified Rosette API endpoint
endpoint	- Rosette API endpoint to be utilized
url	- Rosette API url

Value

Returns the response from the Rosette API

to_json*convert Rosette API response content and headers to json*

Description

convert Rosette API response content and headers to json

Usage

```
to_json(response)
```

Arguments

response - response from Rosette API

Value

Returns a vector containing json of Rosette API response and response headers

Index

api, [1](#)

check_content_parameters, [2](#)

check_for_multipart, [2](#)

check_morphology, [3](#)

check_names, [3](#)

check_version, [4](#)

create_multipart, [4](#)

error_check, [5](#)

get_endpoint, [5](#)

mutipart_call, [6](#)

post_endpoint, [6](#)

to_json, [7](#)