

Package: omekasr (via r-universe)

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Title Interact with the Omeka S API from R

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Description Interact with the Omeka S API from R.

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o_check_url	<i>Checks if the base url given or set for the session can be parsed</i>
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Description

Checks if the base url given or set for the session can be parsed

Usage

```
o_check_url(base_url = NULL, silent = FALSE, error = TRUE)
```

Arguments

base_url	Endpoint of the API of the Omeka installation, or base url of the website. Internally, it is ensured that the api suffix is always appended to the given url.
silent	Logical, defaults to FALSE. If TRUE, the function does not print informative messages related to this check.
error	Logical, defaults to TRUE. If TRUE, the function throws an error if this check fails.

Value

A list with three elements: `valid` (either TRUE or FALSE), `value` (returning `base_url`), and `message` (returning an informative message about the result of the check, typically shown with `cli::cli_inform()`).

Examples

```
try(
  o_check_url("wrong_url/api")
)

o_check_url("wrong_url/api", error = FALSE)

o_check_url("http://127.0.0.0")
```

`o_get` *Retrieve results from Omeka S API*

Description

Retrieve results from Omeka S API

Usage

```
o_get(id, type = c("items", "properties"), base_url = NULL)
```

Arguments

<code>id</code>	An Omeka S numeric identifier.
<code>type</code>	Defaults to "items". Accepted values include "item" and "properties".
<code>base_url</code>	Endpoint of the API of the Omeka installation, or base url of the website. Internally, it is ensured that the api suffix is always appended to the given url.

Value

A list object, with attributes detailing the source url, the type of API endpoint called, and the timestamp of data retrieval.

Examples

```
## Not run:
o_get(id = 123, type = "items")
o_get(id = "123", type = "items") # id can be given as character
o_get(id = 12, type = "properties")

## End(Not run)
```

`o_get_item` *Retrieve Omeka S item based on id*

Description

Retrieve Omeka S item based on id

Usage

```
o_get_item(item_id, base_url = NULL)
```

Arguments

<code>item_id</code>	The numeric identifier of an Omeka S item.
<code>base_url</code>	Defaults to NULL, typically set for the active session with <code>o_set()</code> .

Value

A list object, with everything returned by the API.

Examples

```
## Not run:  
o_get_item(id = 123)  
  
## End(Not run)
```

o_get_property	<i>Retrieve Omeka S property based on id</i>
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Description

Retrieve Omeka S property based on id

Usage

```
o_get_property(property_id, base_url = NULL)
```

Arguments

property_id	The numeric identifier of an Omeka S property.
base_url	Defaults to NULL, typically set for the active session with o_set() .

Value

A list object, with everything returned by the API.

Examples

```
## Not run:  
o_get_property(property_id = 12)  
  
## End(Not run)
```

o_set	<i>Sets settings for the current session.</i>
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Description

Sets settings for the current session.

Usage

```
o_set(base_url = NULL, error = TRUE)
```

Arguments

base_url	Endpoint of the API of the Omeka installation, or base url of the website. Internally, it is ensured that the api suffix is always appended to the given url.
error	Defaults to TRUE. Passed to o_check_url() . If TRUE, throws an error if the url set or retrieved is invalid.

Value

Invisibly, the settings as a list.

Examples

```
o_set(base_url = "https://example.com/api")
base_url <- o_set()[["base_url"]]
base_url
```

o_sitrep	<i>Situation report</i>
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Description

Performs a set of tests for troubleshooting common issues, and provides informative message.

Usage

```
o_sitrep(base_url = NULL)
```

Arguments

base_url	Endpoint of the API of the Omeka installation, or base url of the website. Internally, it is ensured that the api suffix is always appended to the given url.
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Value

Nothing, used for its side effects.

Examples

```
o_sitrep()
```

omekas_item	<i>S7 class representing an Omeka S item</i>
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Description

S7 class representing an Omeka S item

Usage

```
omekas_item(
  data = list(),
  url = character(0),
  type = character(0),
  retrieved_at = Sys.time(),
  id = integer(0)
)
```

Arguments

data	A list; the parsed json from the API response.
url	Full URL from where the response was retrieved.
type	The type of contents or resource retrieved from the API, e.g. "items", or "properties".
retrieved_at	Time when the given resource was retrieved.
id	Numeric, the identifier of the resource requested.

omekas_property	<i>S7 class representing an Omeka S property</i>
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Description

S7 class representing an Omeka S property

Usage

```
omekas_property(  
  data = list(),  
  url = character(0),  
  type = character(0),  
  retrieved_at = Sys.time(),  
  id = integer(0)  
)
```

Arguments

data	A list; the parsed json from the API response.
url	Full URL from where the response was retrieved.
type	The type of contents or resource retrieved from the API, e.g. "items", or "properties".
retrieved_at	Time when the given resource was retrieved.
id	Numeric, the identifier of the resource requested.

omekas_response	<i>S7 class representing an Omeka S API response</i>
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Description

S7 class representing an Omeka S API response

Usage

```
omekas_response(  
  data = list(),  
  url = character(0),  
  type = character(0),  
  retrieved_at = Sys.time()  
)
```

Arguments

data	A list; the parsed json from the API response.
url	Full URL from where the response was retrieved.
type	The type of contents or resource retrieved from the API, e.g. "items", or "properties".
retrieved_at	Time when the given resource was retrieved.

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