

Package ‘opencastR’

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Type Package

Title 'Opencast' External API Package

Version 0.1.3

Description Query the external API of a 'Opencast' video management server for information related to the recorded videos. For more information about 'Opencast' see: <<https://opencast.org>>.

License Apache License (>= 2.0)

URL <http://opencastr.ebbert.nrw/>

BugReports <https://github.com/ebbertd/opencastR/issues>

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<i>oc_agent</i>	<i>Query Opencast for a single capture agent</i>
-----------------	--

Description

Returns a single capture agent.

Usage

```
oc_agent(agentId = "")
```

Arguments

agentId The maximum number of results to return for a single request.

Details

This function expects the hostname, username and password to be set as environment variables.

Value

A list containing details of a single capture agent.

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAST_USERNAME = "admin")
Sys.setenv(OPENCAST_PASSWORD = "opencast")

agents <- oc_list_agents()

oc_agent(agents$content$agent_id)
```

oc_api	<i>Query Opencast base api</i>
--------	--------------------------------

Description

Returns key characteristics of the API such as the server name and the default version.

Usage

```
oc_api()
```

Details

This function expects the hostname, username and password to be set as environment variables.

Value

A list containing the default api version and server url.

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAST_USERNAME = "admin")
Sys.setenv(OPENCAST_PASSWORD = "opencast")

oc_api()
```

oc_event	<i>Query Opencast for a specific event</i>
----------	--

Description

Returns a single event.

Usage

```
oc_event(
  eventId = "",
  sign = FALSE,
  withacl = FALSE,
  withmetadata = FALSE,
  withscheduling = FALSE,
  withpublications = FALSE
)
```

Arguments

eventId	The event id
sign	Whether public distribution urls should be signed.
withacl	Whether the acl metadata should be included in the response.
withmetadata	Whether the metadata catalogs should be included in the response.
withscheduling	Whether the scheduling information should be included in the response.
withpublications	Whether the publication ids and urls should be included in the response.

Details

This function expects the hostname, username and password to be set as environment variables.

Value

Returns a single event.

Examples

```
Sys.setenv(OPENCASHT_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCASHT_USERNAME = "admin")
Sys.setenv(OPENCASHT_PASSWORD = "opencast")

events <- oc_list_events()

oc_event(events$content$identifier[1])
```

oc_event_acl	<i>Query Opencast for a specific events acl</i>
--------------	---

Description

Returns an event's access policy.

Usage

```
oc_event_acl(eventId = "")
```

Arguments

eventId	The event id
---------	--------------

Details

This function expects the hostname, username and password to be set as environment variables.

Value

Returns an event's access policy.

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAST_USERNAME = "admin")
Sys.setenv(OPENCAST_PASSWORD = "opencast")

events <- oc_list_events()

oc_event_acl(events$content$identifier[1])
```

oc_event_list_publications

Query Opencast for a specific events publications

Description

Returns an event's list of publications.

Usage

```
oc_event_list_publications(eventId = "", sign = FALSE)
```

Arguments

eventId	The event id
sign	Whether public distribution urls should be signed.

Details

This function expects the hostname, username and password to be set as environment variables.

Value

Returns an event's list of publications.

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAST_USERNAME = "admin")
Sys.setenv(OPENCAST_PASSWORD = "opencast")

events <- oc_list_events()

oc_event_list_publications(events$content$identifier[1])
```

oc_event_metadata *Query Opencast for a specific events metadata*

Description

Returns the event's metadata of the specified type.

Usage

```
oc_event_metadata(eventId = "", type = "")
```

Arguments

eventId	The event id
type	The type of metadata to get

Details

This function expects the hostname, username and password to be set as environment variables.

Value

Returns the event's metadata of the specified type.

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAST_USERNAME = "admin")
Sys.setenv(OPENCAST_PASSWORD = "opencast")

events <- oc_list_events()

oc_event_metadata(events$content$identifier[1])
```

oc_event_publication *Query Opencast for a specific events single publication*

Description

Returns a single publication.

Usage

```
oc_event_publication(eventId = "", publicationId = "", sign = FALSE)
```

Arguments

eventId	The event id
publicationId	The publication id
sign	Whether public distribution urls should be signed.

Details

This function expects the hostname, username and password to be set as environment variables.

Value

Returns a single publication.

Examples

```
Sys.setenv(OPENCASST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCASST_USERNAME = "admin")
Sys.setenv(OPENCASST_PASSWORD = "opencast")

events <- oc_list_events()
publications <- oc_event_list_publications(events$content$identifier[1])

oc_event_publication(events$content$identifier[1],
                     publications$content$id[1])
```

oc_event_scheduling *Query Opencast for a specific events scheduling*

Description

Returns an event's scheduling information.

Usage

```
oc_event_scheduling(eventId = "")
```

Arguments

eventId	The event id
---------	--------------

Details

This function expects the hostname, username and password to be set as environment variables.

Value

Returns an event's scheduling information.

Examples

```
Sys.setenv(OPENCAS...HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAS...USERNAME = "admin")
Sys.setenv(OPENCAS...PASSWORD = "opencast")

events <- oc_list_events()

oc_event_scheduling(events$content$identifier[1])
```

oc_group

Query Opencast for a specific group

Description

Returns a single group.

Usage

```
oc_group(groupId = "")
```

Arguments

groupId The group id

Details

This function expects the hostname, username and password to be set as environment variables.

Value

Returns a single group.

Examples

```
Sys.setenv(OPENCAS...HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAS...USERNAME = "admin")
Sys.setenv(OPENCAS...PASSWORD = "opencast")

oc_group("MH_DEFAULT_ORG_EXTERNAL_APPLICATIONS")
```

oc_hostname

Opencast hostname

Description

This function returns the Opencast hostname that is set in the environment variable OPENCAST_HOST.

Usage

```
oc_hostname()
```

Value

A character string containing the Opencast hostname.

See Also

[oc_username](#) [oc_password](#)

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")
```

```
oc_hostname()
```

oc_info_me

Query Opencast current user

Description

Returns information on the logged in user.

Usage

```
oc_info_me()
```

Details

This function expects the hostname, username and password to be set as environment variables.

Value

A list containing the information about the current user.

Examples

```
Sys.setenv(OPENCAS...HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAS...USERNAME = "admin")
Sys.setenv(OPENCAS...PASSWORD = "opencast")

oc_info_me()
```

oc_info_me_roles *Query Opencast current user's role.*

Description

Returns current user's roles.

Usage

```
oc_info_me_roles()
```

Details

This function expects the hostname, username and password to be set as environment variables.

Value

A list containing the current user's roles.

Examples

```
Sys.setenv(OPENCAS...HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAS...USERNAME = "admin")
Sys.setenv(OPENCAS...PASSWORD = "opencast")

oc_info_me_roles()
```

oc_info_organization *Query Opencast current organization*

Description

Returns the current organization.

Usage

```
oc_info_organization()
```

Details

This function expects the hostname, username and password to be set as environment variables.

Value

A list containing the settings for the anonymous role, the name, the admin role and the id.

Examples

```
Sys.setenv(OPENCASHT_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCASHT_USERNAME = "admin")
Sys.setenv(OPENCASHT_PASSWORD = "opencast")

oc_info_organization()
```

oc_info_organization_properties

Query Opencast current organization's properties

Description

Returns the current organization's properties.

Usage

```
oc_info_organization_properties()
```

Details

This function expects the hostname, username and password to be set as environment variables.

Value

A list containing the current organization's properties.

Examples

```
Sys.setenv(OPENCASHT_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCASHT_USERNAME = "admin")
Sys.setenv(OPENCASHT_PASSWORD = "opencast")

oc_info_organization_properties()
```

oc_list_agents	<i>Query Opencast list of capture agent</i>
----------------	---

Description

Returns a list of agents.

Usage

```
oc_list_agents(limit = 0, offset = 0)
```

Arguments

limit	The maximum number of results to return for a single request.
offset	The index of the first result to return.

Details

This function expects the hostname, username and password to be set as environment variables.

Value

A list containing the capture agents

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAST_USERNAME = "admin")
Sys.setenv(OPENCAST_PASSWORD = "opencast")

oc_list_agents()
```

oc_list_events	<i>Query Opencast for a list of events</i>
----------------	--

Description

Returns a list of events.

Usage

```

oc_list_events(
    sign = FALSE,
    withacl = FALSE,
    withmetadata = FALSE,
    withscheduling = FALSE,
    withpublications = FALSE,
    filter = "",
    sort = "",
    limit = 0,
    offset = 0
)

```

Arguments

sign	Whether public distribution urls should be signed.
withacl	Whether the acl metadata should be included in the response.
withmetadata	Whether the metadata catalogs should be included in the response.
withscheduling	Whether the scheduling information should be included in the response.
withpublications	Whether the publication ids and urls should be included in the response.
filter	A comma seperated list of filters to limit the results with. A filter is the filter's name followed by a colon ":" and then the value to filter with so it is the form :.
sort	Sort the results based upon a list of comma seperated sorting criteria. In the comma seperated list each type of sorting is specified as a pair such as: :ASC or :DESC. Adding the suffix ASC or DESC sets the order as ascending or descending order and is mandatory.
limit	The maximum number of results to return for a single request.
offset	The index of the first result to return.

Details

This function expects the hostname, username and password to be set as environment variables.

Value

Returns a list of events.

Examples

```

Sys.setenv(OPENCASST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCASST_USERNAME = "admin")
Sys.setenv(OPENCASST_PASSWORD = "opencast")

oc_list_events()

```

oc_list_groups	<i>Query Opencast for a list of groups</i>
----------------	--

Description

Returns a list of groups.

Usage

```
oc_list_groups(filter = "", sort = "", limit = 0, offset = 0)
```

Arguments

filter	A comma separated list of filters to limit the results with. A filter is the filter's name followed by a colon ":" and then the value to filter with so it is the form :.
sort	Sort the results based upon a list of comma separated sorting criteria. In the comma separated list each type of sorting is specified as a pair such as :ASC or :DESC. Adding the suffix ASC or DESC sets the order as ascending or descending order and is mandatory.
limit	The maximum number of results to return for a single request.
offset	The index of the first result to return.

Details

This function expects the hostname, username and password to be set as environment variables.

Value

Returns a list of groups.

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAST_USERNAME = "admin")
Sys.setenv(OPENCAST_PASSWORD = "opencast")

oc_list_groups()
```

oc_list_series	<i>Query Opencast for a list of series</i>
----------------	--

Description

Returns a list of series.

Usage

```
oc_list_series(filter = "", sort = "", limit = 0, offset = 0)
```

Arguments

filter	A comma separated list of filters to limit the results with. A filter is the filter's name followed by a colon ":" and then the value to filter with so it is the form :.
sort	Sort the results based upon a list of comma separated sorting criteria. In the comma separated list each type of sorting is specified as a pair such as :ASC or :DESC. Adding the suffix ASC or DESC sets the order as ascending or descending order and is mandatory.
limit	The maximum number of results to return for a single request.
offset	The index of the first result to return.

Details

This function expects the hostname, username and password to be set as environment variables.

Value

Returns a list of series.

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAST_USERNAME = "admin")
Sys.setenv(OPENCAST_PASSWORD = "opencast")

oc_list_series()
```

`oc_list_workflow_definitions`*Query Opencast for the list of workflow definitions*

Description

Returns a list of workflow definition.

Usage

```
oc_list_workflow_definitions(  
    withoperations = FALSE,  
    withconfigurationpanel = FALSE,  
    filter = "",  
    sort = "",  
    limit = 0,  
    offset = 0  
)
```

Arguments

<code>withoperations</code>	Whether the workflow operations should be included in the response.
<code>withconfigurationpanel</code>	Whether the workflow configuration panel should be included in the response.
<code>filter</code>	A comma separated list of filters to limit the results with. A filter is the filter's name followed by a colon ":" and then the value to filter with so it is the form :.
<code>sort</code>	Sort the results based upon a list of comma separated sorting criteria. In the comma separated list each type of sorting is specified as a pair such as: :ASC or :DESC. Adding the suffix ASC or DESC sets the order as ascending or descending order and is mandatory.
<code>limit</code>	The maximum number of results to return for a single request.
<code>offset</code>	The index of the first result to return.

Details

This function expects the hostname, username and password to be set as environment variables.

Value

Returns a list of workflow definition.

Examples

```

Sys.setenv(OPENCASHT_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCASHT_USERNAME = "admin")
Sys.setenv(OPENCASHT_PASSWORD = "opencast")

oc_list_workflow_definitions()

```

oc_list_workflow_instances

Query Opencast for the list of workflow instances

Description

Returns a list of workflow instances.

Usage

```

oc_list_workflow_instances(
  withoperations = FALSE,
  withconfigurationpanel = FALSE,
  filter = "",
  sort = "",
  limit = 0,
  offset = 0
)

```

Arguments

withoperations	Whether the workflow operations should be included in the response.
withconfigurationpanel	Whether the workflow configuration panel should be included in the response.
filter	A comma separated list of filters to limit the results with. A filter is the filter's name followed by a colon ":" and then the value to filter with so it is the form :.
sort	Sort the results based upon a list of comma separated sorting criteria. In the comma separated list each type of sorting is specified as a pair such as :ASC or :DESC. Adding the suffix ASC or DESC sets the order as ascending or descending order and is mandatory.
limit	The maximum number of results to return for a single request.
offset	The index of the first result to return.

Details

This function expects the hostname, username and password to be set as environment variables.

Value

Returns a list of workflow instances.

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAST_USERNAME = "admin")
Sys.setenv(OPENCAST_PASSWORD = "opencast")

oc_list_workflow_instances()
```

oc_package_query *opencastR query function*

Description

This is an internal function of the opencastR package to query the api.

Usage

```
oc_package_query(url = "https://legacy.opencast.org/api/", query = NULL)
```

Arguments

url	The URL for the api call.
query	A list of query parameters.

Value

The response of the api call.

Examples

```
oc_package_query()
```

oc_package_useragent *opencastR user agent*

Description

This function returns the user agent used in api calls of the opencastR package.

Usage

```
oc_package_useragent()
```

Value

A character string containing the user agent used in api calls generate with the opencastR package.

Examples

```
oc_package_useragent()
```

oc_password	<i>Opencast password</i>
-------------	--------------------------

Description

This function returns the users Opencast password that is set in the environment variable OPENCAST_PASSWORD.

Usage

```
oc_password()
```

Value

A character string containing the users Opencast password.

See Also

[oc_hostname](#) [oc_username](#)

Examples

```
Sys.setenv(OPENCAST_PASSWORD = "opencast")
```

```
oc_password()
```

oc_series	<i>Query Opencast for a specific series</i>
-----------	---

Description

Returns a single series.

Usage

```
oc_series(seriesId = "")
```

Arguments

seriesId	The series id
----------	---------------

Details

This function expects the hostname, username and password to be set as environment variables.

Value

Returns a single series.

Examples

```
Sys.setenv(OPENCASHT_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCASHT_USERNAME = "admin")
Sys.setenv(OPENCASHT_PASSWORD = "opencast")

series <- oc_list_series()

oc_series(series$content$identifier[1])
```

oc_series_acl

Query Opencast for a specific series acl

Description

Returns a series' access policy.

Usage

```
oc_series_acl(seriesId = "")
```

Arguments

seriesId The event id

Details

This function expects the hostname, username and password to be set as environment variables.

Value

Returns a series' access policy.

Examples

```
Sys.setenv(OPENCASHT_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCASHT_USERNAME = "admin")
Sys.setenv(OPENCASHT_PASSWORD = "opencast")

series <- oc_list_series()

oc_series_acl(series$content$identifier[1])
```

oc_series_metadata *Query Opencast for a specific series metadata*

Description

Returns a series' metadata of all types or returns a series' metadata collection of the given type when the query string parameter type is specified.

Usage

```
oc_series_metadata(seriesId = "", type = "")
```

Arguments

seriesId	The event id
type	The type of metadata to get

Details

This function expects the hostname, username and password to be set as environment variables.

Value

Returns a series' metadata of all types or returns a series' metadata collection of the given type when the query string parameter type is specified.

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAST_USERNAME = "admin")
Sys.setenv(OPENCAST_PASSWORD = "opencast")

series <- oc_list_series()

oc_series_metadata(series$content$identifier[1])
```

oc_series_properties *Query Opencast for a specific series properties*

Description

Returns a series' properties.

Usage

```
oc_series_properties(seriesId = "")
```

Arguments

seriesId The event id

Details

This function expects the hostname, username and password to be set as environment variables.

Value

Returns a series' properties.

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAST_USERNAME = "admin")
Sys.setenv(OPENCAST_PASSWORD = "opencast")

series <- oc_list_series()

oc_series_properties(series$content$identifier[1])
```

oc_username

Opencast username

Description

This function returns the Opencast username that is set in the environment variable OPENCAST_USERNAME.

Usage

```
oc_username()
```

Value

A character string containing the Opencast username.

See Also

[oc_hostname](#) [oc_password](#)

Examples

```
Sys.setenv(OPENCAST_USERNAME = "admin")

oc_username()
```

oc_version	<i>Query Opencast api versions</i>
------------	------------------------------------

Description

Returns a list of available version as well as the default version.

Usage

```
oc_version()
```

Details

This function expects the hostname, username and password to be set as environment variables.

Value

A list containing the available api versions

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAST_USERNAME = "admin")
Sys.setenv(OPENCAST_PASSWORD = "opencast")

oc_version()
```

oc_version_default	<i>Query Opencast default api versions</i>
--------------------	--

Description

Returns a list containing the default api version.

Usage

```
oc_version_default()
```

Details

This function expects the hostname, username and password to be set as environment variables.

Value

A list containing the default api version.

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAST_USERNAME = "admin")
Sys.setenv(OPENCAST_PASSWORD = "opencast")

oc_version_default()
```

oc_workflow_definition

Query Opencast for a specific workflow definition

Description

Returns a single workflow definition.

Usage

```
oc_workflow_definition(workflowDefinitionId = "")
```

Arguments

workflowDefinitionId
The workflow definition id

Details

This function expects the hostname, username and password to be set as environment variables.

Value

Returns a single workflow definition.

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAST_USERNAME = "admin")
Sys.setenv(OPENCAST_PASSWORD = "opencast")

oc_workflow_definition("schedule-and-upload")
```

oc_workflow_instance *Query Opencast for a specific workflow instance*

Description

Returns a single workflow instance.

Usage

```
oc_workflow_instance(workflowInstanceId = 0)
```

Arguments

workflowInstanceId
The workflow instance id

Details

This function expects the hostname, username and password to be set as environment variables.

Value

Returns a single workflow instance.

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAST_USERNAME = "admin")
Sys.setenv(OPENCAST_PASSWORD = "opencast")

workflow_instances <- oc_list_workflow_instances()

oc_workflow_instance(workflow_instances$content$identifier[1])
```

print.oc_agent *Print result of oc_agent()*

Description

Print a structured return of the oc_agent() function.

Usage

```
## S3 method for class 'oc_agent'
print(x, ...)
```

Arguments

x The return of the function this print function relates to.
... Possible further options to the print function.

Value

A structured print of the return by the oc_agent() function.

See Also

[oc_agent](#)

Examples

```
Sys.setenv(OPENCASST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCASST_USERNAME = "admin")
Sys.setenv(OPENCASST_PASSWORD = "opencast")

agents <- oc_list_agents()

resp <- oc_agent(agents$content$agent_id)

resp
```

print.oc_api	<i>Print result of oc_api()</i>
--------------	---------------------------------

Description

Print a structured return of the oc_api() function.

Usage

```
## S3 method for class 'oc_api'
print(x, ...)
```

Arguments

x The return of the function this print function relates to.
... Possible further options to the print function.

Value

A structured print of the return by the oc_api() function.

See Also[oc_api](#)**Examples**

```
Sys.setenv(OPENCAS...HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAS...USERNAME = "admin")
Sys.setenv(OPENCAS...PASSWORD = "opencast")
```

```
resp <- oc_api()
```

```
resp
```

```
print.oc_event      Print result of oc_event()
```

Description

Print a structured return of the `oc_event()` function.

Usage

```
## S3 method for class 'oc_event'
print(x, ...)
```

Arguments

x	The return of the function this print function relates to.
...	Possible further options to the print function.

Value

A structured print of the return by the `oc_event()` function.

See Also[oc_event](#)**Examples**

```
Sys.setenv(OPENCAS...HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAS...USERNAME = "admin")
Sys.setenv(OPENCAS...PASSWORD = "opencast")
```

```
events <- oc_list_events()
```

```
resp <- oc_event(events$content$identifier[1])
```

```
resp
```

```
print.oc_event_acl      Print result of oc_event_acl()
```

Description

Print a structured return of the oc_event_acl() function.

Usage

```
## S3 method for class 'oc_event_acl'  
print(x, ...)
```

Arguments

x	The return of the function this print function relates to.
...	Possible further options to the print function.

Value

A structured print of the return by the oc_event_acl() function.

See Also

[oc_event_acl](#)

Examples

```
Sys.setenv(OPENCASHT_HOST = "https://legacy.opencast.org")  
Sys.setenv(OPENCASHT_USERNAME = "admin")  
Sys.setenv(OPENCASHT_PASSWORD = "opencast")  
  
events <- oc_list_events()  
  
resp <- oc_event_acl(events$content$identifier[1])  
  
resp
```

```
print.oc_event_list_publications  
      Print result of oc_event_list_publications()
```

Description

Print a structured return of the oc_event_list_publications() function.

Usage

```
## S3 method for class 'oc_event_list_publications'  
print(x, ...)
```

Arguments

x The return of the function this print function relates to.
... Possible further options to the print function.

Value

A structured print of the return by the oc_event_list_publications() function.

See Also

[oc_event_list_publications](#)

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")  
Sys.setenv(OPENCAST_USERNAME = "admin")  
Sys.setenv(OPENCAST_PASSWORD = "opencast")  
  
events <- oc_list_events()  
  
resp <- oc_event_list_publications(events$content$identifier[1])  
  
resp
```

```
print.oc_event_metadata
```

Print result of oc_event_metadata()

Description

Print a structured return of the oc_event_metadata() function.

Usage

```
## S3 method for class 'oc_event_metadata'  
print(x, ...)
```

Arguments

x The return of the function this print function relates to.
... Possible further options to the print function.

Value

A structured print of the return by the `oc_event_metadata()` function.

See Also

[oc_event_metadata](#)

Examples

```
Sys.setenv(OPENCASHT_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCASHT_USERNAME = "admin")
Sys.setenv(OPENCASHT_PASSWORD = "opencast")

events <- oc_list_events()

resp <- oc_event_metadata(events$content$identifier[1])

resp
```

```
print.oc_event_publication
      Print result of oc_event_publication()
```

Description

Print a structured return of the `oc_event_publication()` function.

Usage

```
## S3 method for class 'oc_event_publication'
print(x, ...)
```

Arguments

- `x` The return of the function this print function relates to.
- `...` Possible further options to the print function.

Value

A structured print of the return by the `oc_event_publication()` function.

See Also

[oc_event_publication](#)

Examples

```
Sys.setenv(OPENCAS...HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAS...USERNAME = "admin")
Sys.setenv(OPENCAS...PASSWORD = "opencast")

events <- oc_list_events()
publications <- oc_event_list_publications(events$content$identifier[1])

resp <- oc_event_publication(events$content$identifier[1],
                             publications$content$id[1])

resp
```

```
print.oc_event_scheduling
      Print result of oc_event_scheduling()
```

Description

Print a structured return of the `oc_event_scheduling()` function.

Usage

```
## S3 method for class 'oc_event_scheduling'
print(x, ...)
```

Arguments

x	The return of the function this print function relates to.
...	Possible further options to the print function.

Value

A structured print of the return by the `oc_event_scheduling()` function.

See Also

[oc_event_scheduling](#)

Examples

```
Sys.setenv(OPENCAS...HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAS...USERNAME = "admin")
Sys.setenv(OPENCAS...PASSWORD = "opencast")

events <- oc_list_events()
```



```
resp <- oc_event_scheduling(events$content$identifier[1])  
resp
```

print.oc_group	<i>Print result of oc_group()</i>
----------------	-----------------------------------

Description

Print a structured return of the oc_group() function.

Usage

```
## S3 method for class 'oc_group'  
print(x, ...)
```

Arguments

x	The return of the function this print function relates to.
...	Possible further options to the print function.

Value

A structured print of the return by the oc_group() function.

See Also

[oc_group](#)

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")  
Sys.setenv(OPENCAST_USERNAME = "admin")  
Sys.setenv(OPENCAST_PASSWORD = "opencast")  
  
resp <- oc_group("MH_DEFAULT_ORG_EXTERNAL_APPLICATIONS")  
  
resp
```

```
print.oc_info_me      Print result of oc_info_me()
```

Description

Print a structured return of the oc_info_me() function.

Usage

```
## S3 method for class 'oc_info_me'  
print(x, ...)
```

Arguments

x	The return of the function this print function relates to.
...	Possible further options to the print function.

Value

A structured print of the return by the oc_info_me() function.

See Also

[oc_info_me](#)

Examples

```
Sys.setenv(OPENCASHT_HOST = "https://legacy.opencast.org")  
Sys.setenv(OPENCASHT_USERNAME = "admin")  
Sys.setenv(OPENCASHT_PASSWORD = "opencast")  
  
resp <- oc_info_me()  
  
resp
```

```
print.oc_info_me_roles      Print result of oc_info_me_roles()
```

Description

Print a structured return of the oc_info_me_roles() function.

Usage

```
## S3 method for class 'oc_info_me_roles'  
print(x, ...)
```

Arguments

x The return of the function this print function relates to.
... Possible further options to the print function.

Value

A structured print of the return by the oc_info_me_roles() function.

See Also

[oc_info_me_roles](#)

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAST_USERNAME = "admin")
Sys.setenv(OPENCAST_PASSWORD = "opencast")

resp <- oc_info_me_roles()

resp
```

```
print.oc_info_organization
                          Print result of oc_info_organization()
```

Description

Print a structured return of the oc_info_organization() function.

Usage

```
## S3 method for class 'oc_info_organization'
print(x, ...)
```

Arguments

x The return of the function this print function relates to.
... Possible further options to the print function.

Value

A structured print of the return by the oc_info_organization() function.

See Also

[oc_info_organization](#)

Examples

```
Sys.setenv(OPENCAS...HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAS...USERNAME = "admin")
Sys.setenv(OPENCAS...PASSWORD = "opencast")

resp <- oc_info_organization()

resp
```

```
print.oc_info_organization_properties
      Print result of oc_info_organization_properties()
```

Description

Print a structured return of the `oc_info_organization_properties()` function.

Usage

```
## S3 method for class 'oc_info_organization_properties'
print(x, ...)
```

Arguments

x	The return of the function this print function relates to.
...	Possible further options to the print function.

Value

A structured print of the return by the `oc_info_organization_properties()` function.

See Also

[oc_info_organization_properties](#)

Examples

```
Sys.setenv(OPENCAS...HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAS...USERNAME = "admin")
Sys.setenv(OPENCAS...PASSWORD = "opencast")

resp <- oc_info_organization_properties()

resp
```

```
print.oc_list_agents  Print result of oc_list_agents()
```

Description

Print a structured return of the oc_list_agents() function.

Usage

```
## S3 method for class 'oc_list_agents'  
print(x, ...)
```

Arguments

x The return of the function this print function relates to.
... Possible further options to the print function.

Value

A structured print of the return by the oc_list_agents() function.

See Also

[oc_list_agents](#)

Examples

```
Sys.setenv(OPENCASHT_HOST = "https://legacy.opencast.org")  
Sys.setenv(OPENCASHT_USERNAME = "admin")  
Sys.setenv(OPENCASHT_PASSWORD = "opencast")  
  
resp <- oc_list_agents()  
  
resp
```

```
print.oc_list_events  Print result of oc_list_events()
```

Description

Print a structured return of the oc_list_events() function.

Usage

```
## S3 method for class 'oc_list_events'  
print(x, ...)
```

Arguments

x The return of the function this print function relates to.
... Possible further options to the print function.

Value

A structured print of the return by the oc_list_events() function.

See Also

[oc_list_events](#)

Examples

```
Sys.setenv(OPENCASST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCASST_USERNAME = "admin")
Sys.setenv(OPENCASST_PASSWORD = "opencast")

resp <- oc_list_events()

resp
```

print.oc_list_groups *Print result of oc_list_groups()*

Description

Print a structured return of the oc_list_groups() function.

Usage

```
## S3 method for class 'oc_list_groups'
print(x, ...)
```

Arguments

x The return of the function this print function relates to.
... Possible further options to the print function.

Value

A structured print of the return by the oc_list_groups() function.

See Also

[oc_list_groups](#)

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAST_USERNAME = "admin")
Sys.setenv(OPENCAST_PASSWORD = "opencast")

resp <- oc_list_groups()

resp
```

print.oc_list_series *Print result of oc_list_series()*

Description

Print a structured return of the oc_list_series() function.

Usage

```
## S3 method for class 'oc_list_series'
print(x, ...)
```

Arguments

x	The return of the function this print function relates to.
...	Possible further options to the print function.

Value

A structured print of the return by the oc_list_series() function.

See Also

[oc_list_series](#)

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAST_USERNAME = "admin")
Sys.setenv(OPENCAST_PASSWORD = "opencast")

resp <- oc_list_series()

resp
```

```
print.oc_list_workflow_definitions
    Print result of oc_list_workflow_definitions()
```

Description

Print a structured return of the `oc_list_workflow_definitions()` function.

Usage

```
## S3 method for class 'oc_list_workflow_definitions'
print(x, ...)
```

Arguments

<code>x</code>	The return of the function this print function relates to.
<code>...</code>	Possible further options to the print function.

Value

A structured print of the return by the `oc_list_workflow_definitions()` function.

See Also

[oc_list_workflow_definitions](#)

Examples

```
Sys.setenv(OPENCASST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCASST_USERNAME = "admin")
Sys.setenv(OPENCASST_PASSWORD = "opencast")

resp <- oc_list_workflow_definitions()

resp
```

```
print.oc_list_workflow_instances
    Print result of oc_list_workflow_instances()
```

Description

Print a structured return of the `oc_list_workflow_instances()` function.

Usage

```
## S3 method for class 'oc_list_workflow_instances'  
print(x, ...)
```

Arguments

x The return of the function this print function relates to.
... Possible further options to the print function.

Value

A structured print of the return by the oc_list_workflow_instances() function.

See Also

[oc_list_workflow_instances](#)

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")  
Sys.setenv(OPENCAST_USERNAME = "admin")  
Sys.setenv(OPENCAST_PASSWORD = "opencast")  
  
resp <- oc_list_workflow_instances()  
  
resp
```

print.oc_series	<i>Print result of oc_series()</i>
-----------------	------------------------------------

Description

Print a structured return of the oc_series() function.

Usage

```
## S3 method for class 'oc_series'  
print(x, ...)
```

Arguments

x The return of the function this print function relates to.
... Possible further options to the print function.

Value

A structured print of the return by the oc_series() function.

See Also[oc_series](#)**Examples**

```
Sys.setenv(OPENCASHT_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCASHT_USERNAME = "admin")
Sys.setenv(OPENCASHT_PASSWORD = "opencast")

series <- oc_list_series()

resp <- oc_series(series$content$identifier[1])

resp
```

```
print.oc_series_acl    Print result of oc_series_acl()
```

Description

Print a structured return of the `oc_series_acl()` function.

Usage

```
## S3 method for class 'oc_series_acl'
print(x, ...)
```

Arguments

<code>x</code>	The return of the function this print function relates to.
<code>...</code>	Possible further options to the print function.

Value

A structured print of the return by the `oc_series_acl()` function.

See Also[oc_series_acl](#)**Examples**

```
Sys.setenv(OPENCASHT_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCASHT_USERNAME = "admin")
Sys.setenv(OPENCASHT_PASSWORD = "opencast")

series <- oc_list_series()
```

```
resp <- oc_series_acl(series$content$identifier[1])  
resp
```

```
print.oc_series_metadata  
      Print result of oc_series_metadata()
```

Description

Print a structured return of the `oc_series_metadata()` function.

Usage

```
## S3 method for class 'oc_series_metadata'  
print(x, ...)
```

Arguments

<code>x</code>	The return of the function this print function relates to.
<code>...</code>	Possible further options to the print function.

Value

A structured print of the return by the `oc_series_metadata()` function.

See Also

[oc_series_metadata](#)

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")  
Sys.setenv(OPENCAST_USERNAME = "admin")  
Sys.setenv(OPENCAST_PASSWORD = "opencast")  
  
series <- oc_list_series()  
  
resp <- oc_series_metadata(series$content$identifier[1])  
  
resp
```

```
print.oc_series_properties
      Print result of oc_series_properties()
```

Description

Print a structured return of the `oc_series_properties()` function.

Usage

```
## S3 method for class 'oc_series_properties'
print(x, ...)
```

Arguments

<code>x</code>	The return of the function this print function relates to.
<code>...</code>	Possible further options to the print function.

Value

A structured print of the return by the `oc_series_properties()` function.

See Also

[oc_series_properties](#)

Examples

```
Sys.setenv(OPENCASHT_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCASHT_USERNAME = "admin")
Sys.setenv(OPENCASHT_PASSWORD = "opencast")

series <- oc_list_series()

resp <- oc_series_properties(series$content$identifier[1])

resp
```

```
print.oc_version      Print result of oc_version()
```

Description

Print a structured return of the oc_version() function.

Usage

```
## S3 method for class 'oc_version'  
print(x, ...)
```

Arguments

x	The return of the function this print function relates to.
...	Possible further options to the print function.

Value

A structured print of the return by the oc_version() function.

See Also

[oc_version](#)

Examples

```
Sys.setenv(OPENCASHT_HOST = "https://legacy.opencast.org")  
Sys.setenv(OPENCASHT_USERNAME = "admin")  
Sys.setenv(OPENCASHT_PASSWORD = "opencast")  
  
resp <- oc_version()  
  
resp
```

```
print.oc_version_default  
      Print result of oc_version_default()
```

Description

Print a structured return of the oc_version_default() function.

Usage

```
## S3 method for class 'oc_version_default'  
print(x, ...)
```

Arguments

x The return of the function this print function relates to.
... Possible further options to the print function.

Value

A structured print of the return by the oc_version_default() function.

See Also

[oc_version_default](#)

Examples

```
Sys.setenv(OPENCAST_HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAST_USERNAME = "admin")
Sys.setenv(OPENCAST_PASSWORD = "opencast")

resp <- oc_version_default()

resp
```

```
print.oc_workflow_definition
      Print result of oc_workflow_definition()
```

Description

Print a structured return of the oc_workflow_definition() function.

Usage

```
## S3 method for class 'oc_workflow_definition'
print(x, ...)
```

Arguments

x The return of the function this print function relates to.
... Possible further options to the print function.

Value

A structured print of the return by the oc_workflow_definition() function.

See Also

[oc_workflow_definition](#)

Examples

```
Sys.setenv(OPENCAS...HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAS...USERNAME = "admin")
Sys.setenv(OPENCAS...PASSWORD = "opencast")

resp <- oc_workflow_definition("schedule-and-upload")

resp
```

```
print.oc_workflow_instance
      Print result of oc_workflow_instance()
```

Description

Print a structured return of the `oc_workflow_instance()` function.

Usage

```
## S3 method for class 'oc_workflow_instance'
print(x, ...)
```

Arguments

<code>x</code>	The return of the function this print function relates to.
<code>...</code>	Possible further options to the print function.

Value

A structured print of the return by the `oc_workflow_instance()` function.

See Also

[oc_workflow_instance](#)

Examples

```
Sys.setenv(OPENCAS...HOST = "https://legacy.opencast.org")
Sys.setenv(OPENCAS...USERNAME = "admin")
Sys.setenv(OPENCAS...PASSWORD = "opencast")

workflow_instances <- oc_list_workflow_instances()

resp <- oc_workflow_instance(workflow_instances$content$identifier[1])

resp
```

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