

# Package: vipunen (via r-universe)

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**Type** Package

**Title** Client Package for Vipunen API

**Version** 0.1.1.9000

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**Description** vipunen is a client package for Vipunen (<https://vipunen.fi/en-gb/>), the Finnish education administration's reporting portal.

**License** MIT + file LICENSE

**URL** <https://ropengov.github.io/vipunen>,  
<https://ropengov.github.io/vipunen/>,  
<https://github.com/rOpenGov/vipunen>

**BugReports** <https://github.com/rOpenGov/vipunen/issues>

**Imports** dplyr, glue, httpcache, httr, jsonlite, magrittr, purrr,  
tibble, tidyr

**Suggests** covr, httpptest, testthat

**Encoding** UTF-8

**LazyData** true

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.1.2

**X-schema.org-isPartOf** <http://ropengov.org/>

**X-schema.org-keywords** ropengov

**Config/pak/sysreqs** libicu-dev libssl-dev

**Repository** <https://ropengov.r-universe.dev>

**RemoteUrl** <https://github.com/rOpenGov/vipunen>

**RemoteRef** HEAD

**RemoteSha** 6c9058775adcbbf881a030dd199294faecc23254

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get_data_count	<i>get_data_count</i>
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### Description

Get the count of data items available through the API, which is useful for estimating the maximum number of items available.

### Usage

```
get_data_count(resource)
```

### Arguments

resource            character name of the resource. Name provided must be a valid resource name.

### Value

numeric count of data items.

### Examples

```
get_data_count("avoin_yliopisto")
```

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get_parameters	<i>get_parameters</i>
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### Description

Low level function used for getting the valid API query parameters for a given resource endpoint.

### Usage

```
get_parameters(resource)
```

### Arguments

resource            character name of the resource. Name provided must be a valid resource name.

**Value**

tibble of query parameters.

**Examples**

```
params <- get_parameters("julkaisut")
```

---

`print.vipunen_api`      *Print method for vipunen\_api class*

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**Description**

Print method for vipunen\_api class

**Usage**

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

**Arguments**

x	vipunen_api object
...	ignored

**Value**

vipunen\_api object

**Examples**

```
# Get available resources  
v <- vipunen_api("api/resources")  
print(v)
```

---

`valid_resource`      *valid\_resource*

---

**Description**

Test if a provided argument is a valid resource in Vipunen API. Valid resources are fetched from the API.

**Usage**

```
valid_resource(x)
```

### Arguments

x                    character name of the resource

### Value

logical TRUE/FALSE

### Examples

```
# TRUE
valid_resource("julkaisut")
# FALSE
valid_resource("foobar")
```

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vipunen\_api

*vipunen\_api*

---

### Description

Make a request to one of the Vipunen API's endpoints. The base url is <http://api.vipunen.fi> to which a specific url defined by path is appended.

### Usage

```
vipunen_api(path)
```

### Arguments

path                character url to be appended to the host.

### Details

This is a low-level function intended to be used by other higher level functions in the package.

### Value

vipunen\_api (S3) object with the following attributes:

**content** a list of parsed JSON content.

**path** path provided to get the response.

**response** the original response object.

### Examples

```
# Get available resources
vipunen_api("api/resources")
```

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