

# Package: opengraph (via r-universe)

December 10, 2024

**Title** Process Metadata from the Open Graph Protocol

**Version** 0.0.2

**Description** Social media sites often embed cards when links are shared, based on metadata in the 'Open Graph Protocol' (<<https://ogp.me/>>). This supports extracting that metadata from a website. It further allows for the creation of tags to add to a website to support the 'Open Graph Protocol' and provides a list of the standard tags and their required properties.

**License** MIT + file LICENSE

**Encoding** UTF-8

**RoxygenNote** 7.3.2

**Imports** rvest

**Suggests** spelling, testthat (>= 3.0.0)

**Config/testthat/edition** 3

**URL** <https://github.com/christopherkenny/opengraph>,  
<https://christophertkenny.com/opengraph/>

**Language** en-US

**NeedsCompilation** no

**Author** Christopher T. Kenny [aut, cre]  
(<<https://orcid.org/0000-0002-9386-6860>>)

**Maintainer** Christopher T. Kenny <[christopherkenny@fas.harvard.edu](mailto:christopherkenny@fas.harvard.edu)>

**Repository** CRAN

**Date/Publication** 2024-12-10 21:20:01 UTC

**Config/pak/sysreqs** libicu-dev libxml2-dev libssl-dev

## Contents

|                     |   |
|---------------------|---|
| og_create . . . . . | 2 |
| og_parse . . . . .  | 3 |

|             |   |
|-------------|---|
| og_property | 3 |
| og_schema   | 4 |
| og_validate | 4 |

|              |          |
|--------------|----------|
| <b>Index</b> | <b>5</b> |
|--------------|----------|

---

|           |                                    |
|-----------|------------------------------------|
| og_create | <i>Create Open Graph meta tags</i> |
|-----------|------------------------------------|

---

## Description

Create Open Graph meta tags

## Usage

```
og_create(title, type, image, url, ...)
```

## Arguments

|       |   |
|-------|---|
| title | The title of your object as it should appear within the graph   |
| type  | The type of your object, e.g., "video.movie". Depending on the type you specify, other properties may also be required. |
| image | An image URL which should represent your object within the graph.   |
| url   | The canonical URL of your object that will be used as its permanent ID in the graph                                     |
| ...   | Additional Open Graph properties  |

## Value

A character vector of Open Graph meta tags

## Examples

```
og_create(
  title = 'Process the Open Graph Protocol',
  type = 'website',
  image = 'http://christophertkenny.com/opengraph/logo.png',
  url = 'https://christophertkenny.com/opengraph/',
  description = 'Parse metadata on websites which use the Open Graph Protocol.'
)
```

---

|          |                                  |
|----------|----------------------------------|
| og_parse | <i>Parse Open Graph Metadata</i> |
|----------|----------------------------------|

---

**Description**

Parse Open Graph Metadata

**Usage**

```
og_parse(url)
```

**Arguments**

url                    A string representing the URL of the webpage to parse.

**Value**

A named vector of Open Graph metadata.

**Examples**

```
og_parse('https://www.rstudio.com')
```

---

|             |   |
|-------------|---|
| og_property | <i>Extract a specific Open Graph property from a webpage.</i> |
|-------------|---|

---

**Description**

Extract a specific Open Graph property from a webpage.

**Usage**

```
og_property(url, property)
```

**Arguments**

url                    A string representing the URL of the webpage to parse.  
property                A string indicating the Open Graph property (e.g., "og:title" or "title").

**Value**

A string containing the value of the specified property, or NA if not found.

**Examples**

```
og_property('https://www.rstudio.com', 'og:title')
```

---

|           |                          |
|-----------|--------------------------|
| og_schema | <i>Open Graph Schema</i> |
|-----------|--------------------------|

---

**Description**

As of 2024-12-05. Based on <https://ogp.me/>

**Usage**

```
og_schema
```

**Format**

A list of Open Graph schema.

**Examples**

```
og_schema
```

---

|             |                                     |
|-------------|-------------------------------------|
| og_validate | <i>Validate Open Graph Metadata</i> |
|-------------|-------------------------------------|

---

**Description**

Check if all required Open Graph properties are present.

**Usage**

```
og_validate(metadata)
```

**Arguments**

|          |                                      |
|----------|--------------------------------------|
| metadata | A named list of Open Graph metadata. |
|----------|--------------------------------------|

**Value**

A logical value indicating whether all required metadata is present.

**Examples**

```
og_parse('https://www.rstudio.com') |>  
  og_validate()
```

# Index

## \* datasets

og\_schema, 4

og\_create, 2

og\_parse, 3

og\_property, 3

og\_schema, 4

og\_validate, 4