

Package: dcatapchr (via r-universe)

October 24, 2024

Title Create DCAT-AP CH Metadata Files
Version 0.0.0.1
Description Create DCAT-AP CH metadata files, typically in rdf format.
License GPL (>= 3)
Encoding UTF-8
Roxygen list(markdown = TRUE)
RoxygenNote 7.3.1
Suggests testthat (>= 3.0.0)
Config/testthat/edition 3
Repository <https://swissstatsr.r-universe.dev>
RemoteUrl <https://github.com/SwissStatsR/dcatapchr>
RemoteRef HEAD
RemoteSha ffe7f3500726530ea5fc0be0bd7db7bec5c5618d

Contents

add_quotes	2
check_language	3
dcat_accessService	3
dcat_accessURL	3
dcat_byteSize	4
dcat_catalog	4
dcat_contactPoint	6
dcat_DataService	6
dcat_dataset	7
dcat_distribution	8
dcat_downloadURL	9
dcat_endpointDescription	10
dcat_endpointURL	10
dcat_keyword	10
dcat_landingPage	11
dcat_servesDataset	11

dcat_service	12
dcat_theme	12
dcat_themeTaxonomy	13
dct_accrualPeriodicity	13
dct_description	14
dct_format	14
dct_identifier	15
dct_issued	15
dct_language	15
dct_license	16
dct_modified	16
dct_publisher	17
dct_rights	17
dct_spatial	18
dct_temporal	18
dct_title	18
foaf_homepage	19
f_gen_tag	19
f_gen_tag2	20
gen_tag	20
gen_tag2	21
indent	21
rdf_dataset	22
rdf_namespaces	22
write_unix	23
Index	24

add_quotes	<i>Adds quotes to a character string</i>
------------	--

Description

Adds quotes to a character string

Usage

```
add_quotes(x)
```

Arguments

x a character string (or vector)

check_language	<i>Check language validity ("de", "fr", "it", "en")</i>
----------------	---

Description

Check language validity ("de", "fr", "it", "en")

Usage

```
check_language(language)
```

Arguments

language	one of "de", "fr", "it" or "en"
----------	---------------------------------

dcataccessService	<i>Create a dcat:accessService property in DCAT-AP CH standard</i>
-------------------	--

Description

Create a dcat:accessService property in DCAT-AP CH standard

Usage

```
dcataccessService(x = dcatDataService())
```

Arguments

x	things to include in a dcat:accessService, typically one or more dcat:DataService
---	---

dcataccessURL	<i>Create a dcat:accessURL property in DCAT-AP CH standard</i>
---------------	--

Description

Create a dcat:accessURL property in DCAT-AP CH standard

Usage

```
dcataccessURL(
  access_url = "https://www3.ti.ch/DFE/DR/USTAT/allegati/cubo/cubi_POL_01_csv.zip"
)
```

Arguments

access_url	url of the resource Mandatory property of dcat:Distribution (dcat_distribution())
------------	--

dcat_byteSize	<i>Create a dcat:byteSize property in DCAT-AP CH standard</i>
---------------	---

Description

Create a dcat:byteSize property in DCAT-AP CH standard

Usage

```
dcat_byteSize(size = 0)
```

Arguments

size	size of the resource (in bytes) Property of dcat:Distribution (dcat_distribution())
------	--

dcat_catalog	<i>Create a DCAT-AP CH Catalog (dcat:Catalog)</i>
--------------	---

Description

Create a DCAT-AP CH Catalog (dcat:Catalog)

Usage

```
dcat_catalog(
  catalog_endpoint = "https://swisstopo/catalog-endpoint.rdf",
  datasets = "<dcat:dataset rdf:resource=\"https://swisstopo/123\"/>",
  ...
)
```

Arguments

catalog_endpoint	URL/URI of the catalog endpoint
datasets	character vector with one or more dcat:dataset(s), see dcat_dataset()
...	any other property to be included to a dcat:Catalog

Details

A `dcat:Catalog` class, created with `dcat_catalog()`, can/must have the following properties (M stands for mandatory; R for recommended):

- `dcat:dataset`, M in V1, R in V2: see `dcat_dataset()`
- `dct:description`, M in V2: see `dct_description()`
- `dct:publisher`, M in V2: see `dct_publisher()`
- `dct:title`, M in V2: see `dct_title()`
- `foaf:homepage`, R in V2: see `foaf_homepage()`
- `dct:language`, R in V2: see `dct_language()`
- `dct:license`, R in V2: see `dct_license()`
- `dct:issued`, R in V2: see `dct_issued()`
- `dct:rights`, R in V2: see `dct_rights()`
- `dct:spatial`, R in V2: see `dct_spatial()`
- `dcat:themeTaxonomy`, R in V2: see `dcat_themeTaxonomy()`
- `dct:modified`, R in V2: see `dct_modified()`
- `dcat:service`, R in V2: see `dcat_service()`

Value

A character vector of length greater than one, where each element is a line of the catalog in `rdflib` format. The catalog can be exported in a file with unix file endings and UTF-8 encoding with `write_unix()`.

Examples

```
dcat_catalog()
dcat_catalog(catalog_endpoint = "")

# Add some properties (...)
dcat_catalog(
  title = dct_title("Catalogo Ustat", language = "it"),
  description = dct_description("Descrizione catalogo", language = "it")
)
```

dcat_contactPoint *Create a dcat:contactPoint property in DCAT-AP CH standard*

Description

Create a dcat:contactPoint property in DCAT-AP CH standard

Usage

```
dcat_contactPoint(
  nodeID = paste(sample(letters), collapse = ""),
  email = "dfe-ustat@ti.ch",
  fn = "Ufficio di statistica del Canton Ticino (Ustat)"
)
```

Arguments

nodeID	organization id (character string)
email	email address
fn	name of the organization
	Mandatory property of dcat:Dataset (dcat_dataset())

dcat_DataService *Create a DCAT-AP CH DataService (dcat:DataService)*

Description

Create a DCAT-AP CH DataService (dcat:DataService)

Usage

```
dcat_DataService(about = "", endpointURL = dcat_endpointURL(), ...)
```

Arguments

about	url of the DataService
endpointURL	endpointURL of the dataset, see dcat_endpointURL()
...	any other property to be included to a dcat:Dataset

Details

A `dcat:DataService` class, created with `dcat_DataService()`, can/must have the following properties (M stands for mandatory; R for recommended):

- `dcat:endpointURL`, M in V2: see [dcat_endpointURL\(\)](#)
- `dcat:contactPoint`, M in V2: see [dcat_contactPoint\(\)](#)
- `dct:publisher`, M in V2: see [dct_publisher\(\)](#)
- `dct:title`, M in V2: see [dct_title\(\)](#)
- `dct:endpointDescription`, R in V2: see [dcat_endpointDescription\(\)](#)
- `dct:license`, R in V2: see [dct_license\(\)](#) and/or [dct_license2\(\)](#)
- `dcat:servesDataset`, R in V2: see [dcat_servesDataset\(\)](#)

Value

A character vector of length greater than one.

<code>dcat_dataset</code>	<i>Create a DCAT-AP CH Dataset (<code>dcat:dataset</code>)</i>
---------------------------	--

Description

A `dcat:dataset` must have one or more `dcat:distribution(s)`.

Usage

```
dcat_dataset(
  title = dct_title(),
  description = dct_description(),
  publisher = dct_publisher(),
  contactPoint = dcat_contactPoint(),
  identifier = dct_identifier(),
  distribution = dcat_distribution(),
  ...
)
```

Arguments

<code>title</code>	title of the dataset, see dct_title() . Can be multilingual.
<code>description</code>	description of the dataset, see dct_description() . Can be multilingual.
<code>publisher</code>	publisher of the dataset, see dct_publisher() .
<code>contactPoint</code>	contactPoint of the dataset, see dcat_contactPoint() .
<code>identifier</code>	identifier of the dataset, see dct_identifier() .
<code>distribution</code>	one or more distributions, see dcat_distribution()
<code>...</code>	any other property to be included to a <code>dcat:Dataset</code>

Details

A `dcat:Dataset` class, created with `dcat_dataset()`, can/must have the following properties (M stands for mandatory; R for recommended):

- `dcat:contactPoint`, M in V1 and V2: see [dcat_contactPoint\(\)](#)
- `dct:description`, M in V1 and V2: see [dct_description\(\)](#)
- `dct:identifier`, M in V1 and V2: see [dct_identifier\(\)](#)
- `dct:publisher`, M in V1 and V2: see [dct_publisher\(\)](#)
- `dct:title`, M in V1 and V2: see [dct_title\(\)](#)
- `dcat:distribution`, M in V1, R in V2: see [dcat_distribution\(\)](#)
- `dcat:keyword`, R in V2: see [dcat_keyword\(\)](#)
- `dcat:landingPage`, R in V2: see [dcat_landingPage\(\)](#)
- `dct:issued`, R in V2: see [dct_issued\(\)](#)
- `dct:spatial`, R in V2: see [dct_spatial\(\)](#)
- `dct:temporal`, R in V2: see [dct_temporal\(\)](#)
- `dcat:theme`, R in V2: see [dcat_theme\(\)](#)
- `dct:modified`, R in V2: see [dct_modified\(\)](#)

Value

A character vector of length greater than one.

<code>dcat_distribution</code>	<i>Create a <code>dcat:distribution/dcat:Distribution</code> property</i>
--------------------------------	---

Description

Create a `dcat:distribution/dcat:Distribution` property

Usage

```
dcat_distribution(
  issued = dct_issued(),
  access_url = dcat_accessURL(),
  license = dct_license2(),
  ...
)
```

Arguments

<code>issued</code>	<code>dct:issued</code> property, see dct_issued() .
<code>access_url</code>	<code>dcat:accessURL</code> property, see dcat_accessURL() .
<code>license</code>	<code>dct:license</code> property, see dct_license() .
<code>...</code>	any other property to be included to a <code>dcat:Distribution</code>

Details

A dcat:Dataset class, created with `dcat_dataset()`, can/must have the following properties (M stands for mandatory; R for recommended):

- `dct:issued`, M in V1, R in V2: see `dct_issued()`
- `dcat:accessURL`, M in V1 and V2: see `dcat_accessURL()`
- `dct:license`, M in V1 and V2: see `dct_license()`
- `dcat:availability`, R in V2: not yet implemented
- `dct:description`, R in V1 and V2: see `dct_description()`
- `dct:format`, R in V2: see `dct_format()`
- `dct:rights`, R in V2: see `dct_rights()`
- `dct:title`, M in V1, R in V2: see `dct_title()`
- `dct:modified`, R in V2: see `dct_modified()`
- `dcat:accessService`, R in V2: see `dcat_accessService()`

Value

A character vector of length greater than one.

Examples

```
dcat_distribution()
```

```
dcat_distribution(description = dct_description("Un archivio zip con un csv"))
```

<code>dcat_downloadURL</code>	<i>Create a dcat:downloadURL property in DCAT-AP CH standard</i>
-------------------------------	--

Description

Create a `dcat:downloadURL` property in DCAT-AP CH standard

Usage

```
dcat_downloadURL(  
  download_url = "https://www3.ti.ch/DFE/DR/USTAT/allegati/cubo/cubi_POL_01_csv.zip"  
)
```

Arguments

<code>download_url</code>	url of the resource
	Property of <code>dcat:Distribution</code> (<code>dcat_distribution()</code>)

dcat_endpointDescription

Create a dcat:endpointDescription property in DCAT-AP CH standard

Description

Create a dcat:endpointDescription property in DCAT-AP CH standard

Usage

```
dcat_endpointDescription(x = "")
```

Arguments

x a url

dcat_endpointURL

Create a dcat:endpointURL property in DCAT-AP CH standard

Description

Create a dcat:endpointURL property in DCAT-AP CH standard

Usage

```
dcat_endpointURL(x = "")
```

Arguments

x a url

dcat_keyword

Create a dcat:keyword property in DCAT-AP CH standard

Description

Create a dcat:keyword property in DCAT-AP CH standard

Usage

```
dcat_keyword(x = "", language = c("de", "fr", "it", "en"))
```

Arguments

x keyword
language one of "de", "fr", "it" or "en"

Examples

```
dcat_keyword()  
dcat_keyword("Cani", language = "it")  
dcat_keyword("Hunde", language = "de")
```

dcat_landingPage *Create a dcat:landingPage property in DCAT-AP CH standard*

Description

Create a dcat:landingPage property in DCAT-AP CH standard

Usage

```
dcat_landingPage(x = "https://www.example.com")
```

Arguments

x an url (character string). Default: https://www.example.com

Examples

```
dcat_landingPage()
```

dcat_servesDataset *Create a dcat:servesDataset property in DCAT-AP CH standard*

Description

Create a dcat:servesDataset property in DCAT-AP CH standard

Usage

```
dcat_servesDataset(x = "https://example.com")
```

Arguments

x a url

Examples

```
dcat_servesDataset("https://example.com")
```

dcat_service	<i>Create a dcat:service property in DCAT-AP CH standard</i>
--------------	--

Description

Create a dcat:service property in DCAT-AP CH standard

Usage

```
dcat_service(x = "")
```

Arguments

x things to include in a dcat:service, typically one or more dcat:DataService

dcat_theme	<i>Create a dcat:theme property in DCAT-AP CH standard</i>
------------	--

Description

Create a dcat:theme property in DCAT-AP CH standard

Usage

```
dcat_theme(x = "http://dcat-ap.ch/vocabulary/themes/work")
```

Arguments

x a theme url

dcat_themeTaxonomy *Create a dcat:themeTaxonomy property in DCAT-AP CH standard*

Description

Create a dcat:themeTaxonomy property in DCAT-AP CH standard

Usage

```
dcat_themeTaxonomy(  
  x = "http://publications.europa.eu/resource/authority/data-theme"  
)
```

Arguments

x an url

dct_accrualPeriodicity *Create a dct:accrualPeriodicity property in DCAT-AP CH standard*

Description

Create a dct:accrualPeriodicity property in DCAT-AP CH standard

Usage

```
dct_accrualPeriodicity(  
  freq = c("https://publications.europa.eu/resource/authority/frequency/ANNUAL",  
           "https://publications.europa.eu/resource/authority/frequency/QUARTERLY",  
           "https://publications.europa.eu/resource/authority/frequency/MONTHLY",  
           "https://publications.europa.eu/resource/authority/frequency/DAILY")  
)
```

Arguments

freq frequency with which a dataset is updated (see <https://publications.europa.eu/resource/authority/frequency>)

dct_description	<i>Create a dct:description property in DCAT-AP CH standard</i>
-----------------	---

Description

Create a dct:description property in DCAT-AP CH standard

Usage

```
dct_description(description = "", language = "it")
```

Arguments

description	character string with a description
language	language of the title (one of "it", "de", "fr", "en")

dct_format	<i>Create a dct:format property in DCAT-AP CH standard</i>
------------	--

Description

Create a dct:format property in DCAT-AP CH standard

Usage

```
dct_format(  
  x = "http://publications.europa.eu/resource/authority/file-type/CSV"  
)
```

Arguments

x	a filetype resource url/uri. See https://publications.europa.eu/resource/authority/file-type
---	--

dct_identifier *Create a dct:identifier property in DCAT-AP CH standard*

Description

Create a dct:identifier property in DCAT-AP CH standard

Usage

```
dct_identifier(identifier = "xyz456@cantone_ticino")
```

Arguments

identifier character string with and identifier

dct_issued *Create a dct:issued property in DCAT-AP CH standard*

Description

Create a dct:issued property in DCAT-AP CH standard

Usage

```
dct_issued(date = Sys.Date(), hour_minutes_seconds = "00:00:00")
```

Arguments

date date or character vector in yyyy-mm-dd format
hour_minutes_seconds hour, minutes and seconds (default: "00:00:00")

dct_language *Create a dct:language property in DCAT-AP CH standard*

Description

Create a dct:language property in DCAT-AP CH standard

Usage

```
dct_language(language = c("de", "fr", "it", "en"))
```

Arguments

language two-letters abbreviation of the language (one of "de", "fr", "it" or "en")

dct_license *Create a dct:license property in DCAT-AP CH standard*

Description

Create a dct:license property in DCAT-AP CH standard

Usage

```
dct_license(about = "http://dcat-ap.ch/vocabulary/licenses/terms_open")

dct_license2(
  license = c("NonCommercialAllowed-CommercialAllowed-ReferenceNotRequired",
             "NonCommercialAllowed-CommercialAllowed-ReferenceRequired",
             "NonCommercialAllowed-CommercialWithPermission-ReferenceNotRequired",
             "NonCommercialAllowed-CommercialWithPermission-ReferenceRequired")
)
```

Arguments

about	a dct:license uri. See https://www.dcat-ap.ch/vocabulary/licenses/20210623.html
license	one of the licenses allowed in <code>opendata.swiss</code> See also https://dcat-ap.ch/vocabulary/licenses/20210623.html#terms_open for a list of possible licenses.

dct_modified *Create a dct:modified property in DCAT-AP CH standard*

Description

Create a dct:modified property in DCAT-AP CH standard

Usage

```
dct_modified(date = Sys.Date(), hour_minutes_seconds = "00:00:00")
```

Arguments

date	date or character vector in yyyy-mm-dd format
hour_minutes_seconds	hour, minutes and seconds (default: "00:00:00")

dct_publisher	<i>Create a dct:publisher property in DCAT-AP CH standard</i>
---------------	---

Description

Create a dct:publisher property in DCAT-AP CH standard

Usage

```
dct_publisher(  
  publisher = "https://www.ti.ch/ustat",  
  foaf_name = "Ufficio di statistica del Cantone Ticino (Ustat)"  
)
```

Arguments

publisher	character string with a publisher (usually an URL)
foaf_name	name of the organization/publisher

dct_rights	<i>Create a dct:rights property in DCAT-AP CH standard</i>
------------	--

Description

Create a dct:rights property in DCAT-AP CH standard

Usage

```
dct_rights(  
  license = c("NonCommercialAllowed-CommercialAllowed-ReferenceNotRequired",  
             "NonCommercialAllowed-CommercialAllowed-ReferenceRequired",  
             "NonCommercialAllowed-CommercialWithPermission-ReferenceNotRequired",  
             "NonCommercialAllowed-CommercialWithPermission-ReferenceRequired")  
)
```

Arguments

license	one of the licenses allowed in opendata.swiss See also https://dcat-ap.ch/vocabulary/licenses/20210623.html#terms_open for a list of possible licenses.
---------	---

dct_spatial	<i>Create a dct:spatial property in DCAT-AP CH standard</i>
-------------	---

Description

Create a dct:spatial property in DCAT-AP CH standard

Usage

```
dct_spatial(x = "Switzerland")
```

Arguments

x	spatial reference (default: "Switzerland")
---	--

dct_temporal	<i>Create a dct:temporal property in DCAT-AP CH standard</i>
--------------	--

Description

Create a dct:temporal property in DCAT-AP CH standard

Usage

```
dct_temporal(startDate = Sys.Date() - 1, endDate = Sys.Date())
```

Arguments

startDate	start date (default: Sys.Date() - 1). Date in yyyy-mm-dd format
endDate	end date (default: Sys.Date()). Date in yyyy-mm-dd format

dct_title	<i>Create a dct:title property in DCAT-AP CH standard</i>
-----------	---

Description

Create a dct:title property in DCAT-AP CH standard

Usage

```
dct_title(title = "", language = "it")
```

Arguments

title	character string with a title
language	language of the title (one of "it", "de", "fr", "en") Mandatory property of dcat:Catalog (V2) (dcat_catalog()) and dcat:Dataset (dcat_dataset()), recommended property of dcat:Distribution (dcat_distribution())

foaf_homepage	<i>Create a foaf:homepage tag</i>
---------------	-----------------------------------

Description

Create a foaf:homepage tag

Usage

```
foaf_homepage(x = "http://www.example.com")
```

Arguments

x	an url of a homepage
---	----------------------

f_gen_tag	<i>A closure to create a function that generates a tag like ...</i>
-----------	---

Description

A closure to create a function that generates a tag like ...

Usage

```
f_gen_tag(tag = "dct:identifier")
```

Arguments

tag	character string with the desired tag
-----	---------------------------------------

Examples

```
# Create an f function to generate a dct:identifier tag
f <- f_gen_tag(tag = "dct:identifier")
f(x = "an_identifier")
```

f_gen_tag2

A closure to create a function that generates a tag like

Description

A closure to create a function that generates a tag like

Usage

```
f_gen_tag2(tag = "dcat:accessURL", rdf_resource = "rdf:resource")
```

Arguments

tag character string with the desired tag
rdf_resource character string that comes after the tag (default: "rdf:resource")

Examples

```
# Create an f function to generate a dcat:accessURL tag  
f <- f_gen_tag2(tag = "dcat:accessURL")  
f(x = "https://www.example.com")
```

gen_tag*Generate a tag like ...*

Description

Generate a tag like ...

Usage

```
gen_tag(tag = "dct:identifier", x = "...")
```

Arguments

tag character string with the desired tag
x the content to be encapsulated inside the tag

gen_tag2	<i>Generate a tag like</i>
----------	----------------------------

Description

Generate a tag like

Usage

```
gen_tag2(  
  tag = "dcat:accessURL",  
  x = "https://example.com",  
  rdf_resource = "rdf:resource"  
)
```

Arguments

tag	character string with the desired tag
x	the content to be encapsulated inside the tag. Note that this content is enclosed in quotation marks (by the function)
rdf_resource	character string that comes after the tag (default: "rdf:resource")

indent	<i>Indent a character vector by some spaces</i>
--------	---

Description

Indent a character vector by some spaces

Usage

```
indent(x, nspaces = 2L)
```

Arguments

x	a character vector
nspaces	number of desired spaces to indent (default: 2)

rdf_dataset	<i>Prepare a dataset to be exported in rdf/xml</i>
-------------	--

Description

Prepare a dataset to be exported in rdf/xml

Usage

```
rdf_dataset(
  dataset = dcat_dataset(),
  namespaces = c("xmlns:foaf=\"http://xmlns.com/foaf/0.1/\"",
    "xmlns:rdfs=\"http://www.w3.org/2000/01/rdf-schema#",
    "xmlns:hydra=\"http://www.w3.org/ns/hydra/core#",
    "xmlns:rdf=\"http://www.w3.org/1999/02/22-rdf-syntax-ns#",
    "xmlns:dcat=\"http://www.w3.org/ns/dcat#",
    "xmlns:dct=\"http://purl.org/dc/terms/",
    "xmlns:vcard=\"http://www.w3.org/2006/vcard/ns#",
    "xmlns:xsd=\"http://www.w3.org/2001/XMLSchema#",
    "xmlns:schema=\"http://schema.org/"
  )
)
```

Arguments

dataset	a dataset created with <code>dcat_dataset()</code>
namespaces	character vector with xml/rdf namespaces

rdf_namespaces	<i>Create a character vector with some xml/rdf namespaces</i>
----------------	---

Description

Create a character vector with some xml/rdf namespaces

Usage

```
rdf_namespaces(
  namespaces = c("xmlns:foaf=\"http://xmlns.com/foaf/0.1/\"",
    "xmlns:rdfs=\"http://www.w3.org/2000/01/rdf-schema#",
    "xmlns:hydra=\"http://www.w3.org/ns/hydra/core#",
    "xmlns:rdf=\"http://www.w3.org/1999/02/22-rdf-syntax-ns#",
    "xmlns:dcat=\"http://www.w3.org/ns/dcat#",
    "xmlns:dct=\"http://purl.org/dc/terms/",
    "xmlns:vcard=\"http://www.w3.org/2006/vcard/ns#",
    "xmlns:xsd=\"http://www.w3.org/2001/XMLSchema#",
  )
)
```

```
    xmlns:schema="http://schema.org/") ,  
  nspaces = 2L  
)
```

Arguments

namespaces	character vector with xml/rdf namespaces
nspaces	number of spaces to indent (default: 2)

write_unix	<i>Write a character vector to a file with unix file endings and UTF-8 encoding</i>
------------	---

Description

Write a character vector to a file with unix file endings and UTF-8 encoding

Usage

```
write_unix(x, filename)
```

Arguments

x	a character vector
filename	filename

Index

add_quotes, 2

check_language, 3

dcat_accessService, 3
dcat_accessService(), 9
dcat_accessURL, 3
dcat_accessURL(), 8, 9
dcat_byteSize, 4
dcat_catalog, 4
dcat_catalog(), 19
dcat_contactPoint, 6
dcat_contactPoint(), 7, 8
dcat_DataService, 6
dcat_dataset, 7
dcat_dataset(), 4–6, 19, 22
dcat_distribution, 8
dcat_distribution(), 3, 4, 7–9, 19
dcat_downloadURL, 9
dcat_endpointDescription, 10
dcat_endpointDescription(), 7
dcat_endpointURL, 10
dcat_endpointURL(), 7
dcat_keyword, 10
dcat_keyword(), 8
dcat_landingPage, 11
dcat_landingPage(), 8
dcat_servesDataset, 11
dcat_servesDataset(), 7
dcat_service, 12
dcat_service(), 5
dcat_theme, 12
dcat_theme(), 8
dcat_themeTaxonomy, 13
dcat_themeTaxonomy(), 5
dct_accrualPeriodicity, 13
dct_description, 14
dct_description(), 5, 7–9
dct_format, 14
dct_format(), 9
dct_identifier, 15
dct_identifier(), 7, 8
dct_issued, 15
dct_issued(), 5, 8, 9
dct_language, 15
dct_language(), 5
dct_license, 16
dct_license(), 5, 7–9
dct_license2 (dct_license), 16
dct_license2(), 7
dct_modified, 16
dct_modified(), 5, 8, 9
dct_publisher, 17
dct_publisher(), 5, 7, 8
dct_rights, 17
dct_rights(), 5, 9
dct_spatial, 18
dct_spatial(), 5, 8
dct_temporal, 18
dct_temporal(), 8
dct_title, 18
dct_title(), 5, 7–9

f_gen_tag, 19
f_gen_tag2, 20
foaf_homepage, 19
foaf_homepage(), 5

gen_tag, 20
gen_tag2, 21

indent, 21

rdf_dataset, 22
rdf_namespaces, 22

write_unix, 23
write_unix(), 5