

Package: BOE (via r-universe)

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Type Package

Title Work with the Boletin Oficial del Estado of Spain

Version 0.1.8.9007

Description Queries the online site of the Boletin Oficial del Estado (BOE) for data.

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URL <https://github.com/rOpenSpain/BOE>

BugReports <https://github.com/rOpenSpain/BOE/issues>

Imports httr (>= 1.4.1), methods, xml2 (>= 1.2.2)

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check_code	<i>Check id of documents</i>
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Description

Given an id check if it is valid.

Usage

```
check_code(id)
```

```
valid_code(id, sumario = TRUE, BORME = FALSE)
```

Arguments

id	ID or CVE of the document (character).
sumario	Logical value if sumarios should be accepted.
BORME	Logical value if BORME journal should be accepted.

Value

A logical value if correct, errors if something is not right.

Functions

- `valid_code()`: Returns logic values

Examples

```
check_code("BOE-S-20141006") # Normal way
check_code("BOE-S-2014-242") # Also accepted but not documented
# Will fail:
# check_code("BOE-S-2014")
valid_code("BOE-S-2014")
```

element	<i>Elements: disposición and anuncio</i>
---------	--

Description

Functions to create CVE codes for the documents published on the BOE.

Usage

```
disposicion_cve(year, number)
```

```
disposicion(year, number)
```

```
anuncio_cve(year, number)
```

```
anuncio(year, number)
```

Arguments

year Character or numeric value of the year of the element in YYYY format.

number Character or numeric value of the element.

Value

A character vector

Functions

- `disposicion_cve()`: Create the CVE of the diposicion.
- `disposicion()`: For compatibility with previous version
- `anuncio_cve()`: Create the CVE of the anuncio.
- `anuncio()`: For compatibility with previous version

See Also

Other code generators: [sumario_cve\(\)](#), [sumario_nbo\(\)](#)

Examples

```
disposicion_cve(2019, 242)
```

```
anuncio_cve(2019, 242)
```

`get_xml`*Retrieve the XML content*

Description

Look up on the internet and get the content

Usage

```
get_xml(query)
```

Arguments

`query` A query to BOE.

See Also

[query_xml\(\)](#)

Examples

```
id <- sumario_nbo(format(as.Date("2017/10/02", "%Y/%m/%d"), "%Y%m%d"))
url <- query_xml(id)
get_xml(url)
```

`last_date_boe`*Last day of BOE*

Description

Returns the date of the last BOE under normal circumstances.

Usage

```
last_date_boe()
```

Value

A date.

Examples

```
last_date_boe()
```

open_publications	<i>Open publications on the browser</i>
-------------------	---

Description

This function opens urls in your browser.

Usage

```
open_publications(sumario)
```

Arguments

sumario A tidy sumario.

Value

A tab should open on your default browser with the pdf of the publications.

Examples

```
## Not run:  
sumario <- retrieve_sumario(last_date_boe())  
url_publications(sumario[1:10, ])  
## End(Not run)
```

query_consolidada	<i>Build a query for the webpage</i>
-------------------	--------------------------------------

Description

Look for the consolidated law online

Usage

```
query_consolidada(cve)
```

Arguments

cve The CVE of the document you want.

Value

A query url.

Examples

```
cve <- disposicion_cve("2017", "117")  
query_consolidada(cve)
```

query_htm	<i>Build a query for the webpage</i>
-----------	--------------------------------------

Description

Build a query for the webpage

Usage

```
query_htm(cve)
```

Arguments

cve	The CVE of the document you want.
-----	-----------------------------------

Value

A query url.

See Also

query_consolidada

Examples

```
cve <- sumario_cve("2017", "117")
query_htm(cve)
```

query_pdf	<i>Query a pdf from the BOE</i>
-----------	---------------------------------

Description

To query a pdf you must know the number of the piece you are looking for and the date it was published.

Usage

```
query_pdf(year, month, day, code)
```

Arguments

year	Character of the number of the year: YYYY
month	Character of the number of the month: MM.
day	Character of the number of the day: DD.
code	Code of the publication to query.

Value

A link to the pdf.

Examples

```
cve <- sumario_cve("2017", "237")
query_pdf("2017", "10", "02", cve)
```

query_xml

Build a query for an XML

Description

Build a query for an XML

Usage

```
query_xml(id)
```

Arguments

id The id of the xml document you want.

Value

A query for the xml.

See Also

[sumario_nbo\(\)](#)

Examples

```
id <- sumario_nbo(format(as.Date("2017/10/02", "%Y/%m/%d"), "%Y%m%d"))
cve <- sumario_cve("2017", "237") # Same document but by the CVE
query_xml(id)
query_xml(cve)
```

retrieve_document	<i>Retrieve information of a publication</i>
-------------------	--

Description

Tidy data from any document published on the BOE and BORME from the **BOE**.

Usage

```
retrieve_document(cve)
```

Arguments

cve Character with the code of the document.

See Also

Other functions to retrieve documents: [retrieve_sumario\(\)](#)

Examples

```
cve <- "BOE-A-2020-12109"  
df <- retrieve_document(cve)
```

retrieve_sumario	<i>Retrieve the sumario</i>
------------------	-----------------------------

Description

Obtain a *sumario* and tidy it in a table.

Usage

```
retrieve_sumario(date, journal = "BOE")
```

Arguments

date A Date of the *sumario*.
journal Either BOE or BORME.

Value

A data.frame with one line for each publication.

See Also

[tidy_sumario](#) to learn about the format of the output

Other functions to retrieve documents: [retrieve_document\(\)](#)

Examples

```
retrieve_sumario(last_date_boe())
```

sumario_cve	<i>Create the number of the sumario</i>
-------------	---

Description

Create the number of the *sumario*

Usage

```
sumario_cve(year, number, journal = "BOE")
```

```
sumario(year, number, journal = "BOE")
```

Arguments

year	Character or numeric value of the year of the summary in YYYY format.
number	Number of the summary in NNN format.
journal	Either BOE or BORME.

Value

A character vector with the CVE of the *sumario*.

Functions

- `sumario()`: For compatibility with previous version

See Also

[sumario_nbo\(\)](#) if you want to retrieve the *sumario* by date and don't know the CVE.

Other code generators: [element](#), [sumario_nbo\(\)](#)

Examples

```
sumario_cve(2019, 242)
```

sumario_nbo	<i>Create the number for sumario</i>
-------------	--------------------------------------

Description

Creates the id for a *sumario* by the date it was published.

Usage

```
sumario_nbo(date, journal = "BOE")
```

```
sumario_xml(date, journal = "BOE")
```

Arguments

date	Date of the <i>sumario</i>
journal	Either BOE or BORME.

Value

A character vector

Functions

- `sumario_xml()`: For compatibility with previous version

See Also

The id is different from the CVE, which can be created with [sumario_cve\(\)](#).

Other code generators: [element](#), [sumario_cve\(\)](#)

Examples

```
sumario_nbo(Sys.Date())  
sumario_nbo(format(as.Date("2009/01/01", "%Y/%m/%d"), "%Y%m%d"), journal = "BORME")
```

sumario_suplementos *Supplementary summaries*

Description

Creates the CVE of a summary of the supplements, either the judicial or notifications. These are only available for 3 months.

Usage

```
sumario_suplementos(year, number, type = "N")
```

Arguments

year	Character or numeric value of the year of the summary in YYYY format.
number	Number of the summary in NNN format.
type	Either J or N. J for judicial or N for notificaciones

Value

A CVE of the document

Examples

```
sumario_suplementos(2023, 1)
```

suplemento_cve *Supplement CVE*

Description

Creates the CVE of a supplement, either the judicial or notifications. These are only available for 3 months.

Usage

```
suplemento_cve(year = 2023, number, type = "J")
```

Arguments

year	Character or numeric value of the year of the summary in YYYY format.
number	Number of the summary in NNN format.
type	Either J or N. J for judicial or N for notificaciones

Value

A CVE.

Examples

```
suplemento_cve(number = 1)
```

tidy_sumario	<i>Tidy sumario from xml file</i>
--------------	-----------------------------------

Description

Cleans in a tidy format the *sumario* file

Usage

```
tidy_sumario(x)
```

Arguments

x A XML file.

Value

A data.frame with one line for each publication. Including date, *sumario* number, section, section text, departament, departament number, epigraph, brief text, publication code and number of pages of the pdf.

Examples

```
id <- sumario_nbo(format(as.Date("2017/10/02", "%Y/%m/%d"), "%Y%m%d"))
sumario_file <- get_xml(query_xml(id))
m <- tidy_sumario(sumario_file)

head(m)
tail(m)
```

url_publications	<i>Url to the publications</i>
------------------	--------------------------------

Description

Transform the date and publication code to the urls to the publications on pdf format.

Usage

```
url_publications(sumario)
```

Arguments

sumario A tidy sumario.

Value

A character vector with the urls to get the publications in pdf format.

See Also

`retrieve_sumario` to obtain *sumarios*, and `tidy_sumario` to know the expected input.

Examples

```
sumario <- retrieve_sumario(last_date_boe())  
url_publications(sumario[1:10, ])
```

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