

Package ‘rodham’

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Type Package

Title Fetch Hillary Rodham Clinton's emails

Version 0.1.0

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Description Fetch and process Hillary Rodham Clinton's ``personal" emails.

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LazyData TRUE

Depends R (>= 2.10)

Imports jsonlite,
splitstackshape,
plyr,
methods

RoxygenNote 5.0.1

Suggests testthat,
covr

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edges_emails	<i>Network the treacherous</i>
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Description

Builds edge list from emails using from and to, edge source and target respectively.

Usage

```
edges_emails(emails, ...)
```

Arguments

```
emails      Data frame of emails as returned by search\_emails
...         any additional column to keep as meta-data
```

Author(s)

```
John Coene <jcoenep@gmail.com>
```

See Also

```
search\_emails
```

Examples

```
## Not run:
emails <- search_emails()

edges <- edges_emails(emails)

## End(Not run)
```

emails	<i>Hillary Rodham Clinton emails</i>
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Description

A dataset containing 29444 emails from/to Hillary Rodham Clinton sent/received between 2009-08-14 and 2014-08-13.

Usage

```
emails
```

Format

A data frame with 29444 rows and 9 variables:

docID Primary key
docDate Date when document was sent or received
to Who the emails was sent to
from Who the email is received from
originalTo From whom the email originally comes from
originalFrom To whom the email was originally sent to
subject Subject of the email
interesting Rating, relevancy of email
not_interesting Rating, irrelevancy of email

Source

```
http://graphics.wsj.com/hillary-clinton-email-documents/api/search.php?subject=
&to=&from=&start=&end=&sort=docDate&order=desc&docid=&limit=27159&offset=0
```

nodes_emails	<i>Build nodes</i>
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Description

Build list of nodes and add meta-data.

Usage

```
nodes_emails(emails)
```

Arguments

emails Data frame of emails as returned by [search_emails](#)

Author(s)

John Coene <john.coene@gmail.com>

Examples

```
## Not run:
emails <- search_emails()

nodes <- nodes_emails(emails)

## End(Not run)
```

rodham	<i>rodham: indict Hillary Rodham Clinton</i>
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Description

rodham: indict Hillary Rodham Clinton

Functions

- [search_emails](#)
- [edges_emails](#)
- [nodes_emails](#)

Examples

```
## Not run:
# fetch emails
emails <- search_emails()

# build graph
edges <- edges_emails(emails)
nodes <- nodes_emails(emails)
g <- igraph::graph.data.frame(edges, vertices = nodes)

plot(g)

# plot communities
cm <- igraph::walktrap.community(g)
plot(g, vertex.color = membership(cm))

## End(Not run)
```

search_emails

Search Rodham's emails

Description

Search Hillary Rodham Clinton's *personal* emails.

Usage

```
search_emails(subject = NULL, to = NULL, from = NULL, start = NULL,
  end = NULL, internal = TRUE)
```

Arguments

subject	Filter by subject, defaults to NULL(no filter).
to	Filter by Receiver, defaults to NULL(no filter).
from	Filter by Sender, defaults to NULL(no filter).
start	Filter by date range, defaults to NULL(no filter).
end	Filter by date range, defaults to NULL(no filter).
internal	if TRUE (default) searches the internal data set (see data(emails)), if FALSE fetches the data through the Wall Street journal API.

Details

There are a total of 29444 emails ranging from 2009-08-14 to 2014-08-13, please consider leaving internal to TRUE to not hammer the Wall Street Journal's API.

Author(s)

John Coene <jcoenep@gmail.com>

Examples

```
## Not run:  
emails <- search_emails()  
  
## End(Not run)
```

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