

Package ‘HIBPwned’

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Title Bindings for the 'HaveIBeenPwned.com' Data Breach API

Version 0.1.3

Description Utilising the 'Have I been pwned?' API (see <<https://haveibeenpwned.com/API/v2>> for more information), check whether email addresses and/or user names have been present in a publicly disclosed data breach.

Depends R (>= 3.2.3)

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LazyData true

Suggests testthat, knitr, rmarkdown

Imports httr, urltools, jsonlite

RoxygenNote 5.0.1

VignetteBuilder knitr

URL <https://github.com/censornet/HIBPwned>

BugReports <https://github.com/censornet/HIBPwned/issues>

NeedsCompilation no

Author Steph Locke [aut, cre],
Troy Hunt [aut] (HaveIBeenPwned.com)

Maintainer Steph Locke <stephanie.g.locke@gmail.com>

Repository CRAN

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account_breaches	<i>Search for data breaches associated with one or more accounts.</i>
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Description

Search for data breaches associated with one or more accounts.

Usage

```
account_breaches(accounts, truncate = FALSE, domain = NULL, ...)
```

Arguments

accounts	A character vector of email addresses or account names
truncate	Whether responses should be trimmed to just name of breached site
domain	Search a specific domain
...	Optional passthrough to HIBP_headers()

Value

List of data.frames containing results

Examples

```
account_breaches(c("steff.sullivan@gmail.com", "stephanie.g.locke@gmail.com"))
```

breached_site	<i>Get a specific breached site, based in breach name (not domain)</i>
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Description

Get a specific breached site, based in breach name (not domain)

Usage

```
breached_site(name, ...)
```

Arguments

name	Search for a specific named breach
...	Optional passthrough to HIBP_headers()

Value

Data.frame containing breach details

Examples

```
breached_site("Adobe")
```

breached_sites	<i>Get all (nonsensitive) breached sites in HIBP</i>
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Description

Get all (nonsensitive) breached sites in HIBP

Usage

```
breached_sites(domain = NULL, ...)
```

Arguments

domain	Search a specific domain
...	Optional passthrough to HIBP_headers()

Value

Data.frame containing breach details

Examples

```
breached_sites()
```

data_classes	<i>Get list of classes of data that have been exposed in breaches</i>
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Description

Get list of classes of data that have been exposed in breaches

Usage

```
data_classes(...)
```

Arguments

...	Optional passthrough to HIBP_headers()
-----	--

Value

Data.frame containing data class details

Examples

```
data_classes()
```

GETcontent	<i>Used to extract content from a GET request and collapse to a data.frame</i>
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Description

Used to extract content from a GET request and collapse to a data.frame

Usage

```
GETcontent(...)
```

Arguments

... Pass through arguments

Value

data.frame

HIBPwned	<i>HIBPwned</i>
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Description

Utilising the HaveIBeenPwned.com API, check whether email addresses and/or user names have been present in a publicly disclosed data breach.

HIBP_headers	<i>Construct headers for a HIBP request. [Optional] Change the agent to make the request bespoke to you.</i>
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Description

Construct headers for a HIBP request. [Optional] Change the agent to make the request bespoke to you.

Usage

```
HIBP_headers(agent = "HIBPwned R pkg")
```

Arguments

agent The user agent the API call should run under

Value

headers

Examples

HIBP_headers()

pastes

Search for cases where an email address has been included in a paste

Description

Search for cases where an email address has been included in a paste

Usage

```
pastes(emails, ...)
```

Arguments

emails	A character vector of email addresses
...	Optional passthrough to HIBP_headers()

Value

List of data.frames containing results

Examples

```
pastes(c("steff.sullivan@gmail.com", "stephanie.g.locke@gmail.com"))
```

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