Package 'freebsdcontribs'

Title 'FreeBSD' Contributor and Commit Statistics

Version 0.1.0

Description Over 30 years of 'FreeBSD' commit activity and contributor growth.
Includes daily commit counts and new committer data extracted from the
cloned git repository (1993-2026), plus 'Phabricator' signup statistics
(2013-2026). Contains no personal data -- only aggregated counts.
Useful for time series analysis, growth modeling, and studying open
source community dynamics.

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Encoding UTF-8

LazyData true

LazyDataCompression xz

RoxygenNote 7.3.2

Depends R (>= 3.5.0)

URL https://github.com/chrislongros/freebsdcontribs

BugReports https://github.com/chrislongros/freebsdcontribs/issues

NeedsCompilation no

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Repository CRAN

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Contents

| freebsd_commits | *FreeBSD Individual Commit Timestamps (from git repository)* |

Description

Every FreeBSD commit with full timestamps and anonymized author IDs. Extracted from the cloned git repository.

Usage

```
data(freebsd_commits)
```

Format

A data frame with 953162 rows and 2 variables:

timestamp POSIXct, commit timestamp in UTC

author_id character, anonymized 12-character author hash

Source

Cloned from https://github.com/freebsd/freebsd-src

Examples

```
data(freebsd_commits)
hours <- as.integer(format(freebsd_commits$timestamp, "%H"))
hist(hours, breaks = 0:24, main = "FreeBSD Commits by Hour of Day",
     xlab = "Hour (UTC)", col = "steelblue")
```

| freebsd_contributors | *FreeBSD Phabricator Contributor Growth Statistics* |

Description

Monthly signup counts for the FreeBSD Phabricator code review platform (reviews.freebsd.org). Data is aggregated by month with no personal information included.

Usage

```
data(freebsd_contributors)
```

Format

A data frame with 147 rows and 3 variables:

month Date, first day of each month
new_contributors integer, number of new contributors that month
cumulative integer, running total of contributors

Source

Aggregated from public Phabricator user data at <https://reviews.freebsd.org>

Examples

```
data(freebsd_contributors)
plot(freebsd_contributors$month, freebsd_contributors$cumulative,
     type = "l", xlab = "Date", ylab = "Total Contributors",
     main = "FreeBSD Phabricator Contributor Growth")
```

---

freebsd_contributors_daily

FreeBSD Phabricator Contributor Growth (Daily)

Description

Daily signup counts for the FreeBSD Phabricator code review platform (reviews.freebsd.org). Data is aggregated by day with no personal information included. Suitable for time series analysis.

Usage

```
data(freebsd_contributors_daily)
```

Format

A data frame with 2531 rows and 3 variables:

date Date, the signup date
new_contributors integer, number of new contributors that day
cumulative integer, running total of contributors

Source

Aggregated from public Phabricator user data at <https://reviews.freebsd.org>

Examples

```
data(freebsd_contributors_daily)
plot(freebsd_contributors_daily$date,
     freebsd_contributors_daily$new_contributors,
     type = "h", xlab = "Date", ylab = "New Contributors",
     main = "FreeBSD Daily Contributor Signups")
```

---

freebsd_daily_authors   *FreeBSD Daily New Committers (from git repository)*

Description

Daily counts of authors making their first commit to FreeBSD. Extracted from the cloned git repository.

Usage

```
data(freebsd_daily_authors)
```

Format

A data frame with 2041 rows and 3 variables:

date Date, date of first commit

new_authors integer, new committers that day

cumulative_authors integer, running total of unique committers

Source

Cloned from https://github.com/freebsd/freebsd-src

Examples

```
data(freebsd_daily_authors)
plot(freebsd_daily_authors$date, freebsd_daily_authors$cumulative_authors,
     type = "l", xlab = "Date", ylab = "Unique Committers",
     main = "FreeBSD Cumulative Committers")
```

---

freebsd_daily_commits   *FreeBSD Daily Commit Activity (from git repository)*

Description

Daily commit counts extracted from the cloned FreeBSD git repository. Covers every commit from 1993 to 2026.

Usage

```
data(freebsd_daily_commits)
```

Format

A data frame with 11882 rows and 3 variables:

date Date, commit date

commits integer, commits that day

cumulative_commits integer, running total

Source

Cloned from https://github.com/freebsd/freebsd-src

Examples

```
data(freebsd_daily_commits)
plot(freebsd_daily_commits$date, freebsd_daily_commits$cumulative_commits,
     type = "l", xlab = "Date", ylab = "Total Commits",
     main = "FreeBSD Cumulative Commits")
```

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