

Package: x13binary (via r-universe)

October 12, 2024

Type Package
Title Provide the 'x13ashtml' Seasonal Adjustment Binary
Version 1.1.61
Date 2024-06-23
Description The US Census Bureau provides a seasonal adjustment program now called 'X-13ARIMA-SEATS' building on both earlier programs called X-11 and X-12 as well as the SEATS program by the Bank of Spain. The US Census Bureau offers both source and binary versions -- which this package integrates for use by other R packages.
License file LICENSE
Copyright file inst/COPYRIGHT
URL <https://github.com/x13org/x13binary>
BugReports <https://github.com/x13org/x13binary/issues/>
RoxygenNote 7.2.3
Encoding UTF-8
SystemRequirements Fortran sources included in `tools/x13as_html` are compiled via `configure`.
Repository <https://x13org.r-universe.dev>
RemoteUrl <https://github.com/x13org/x13binary>
RemoteRef HEAD
RemoteSha c7d0198181c9f09353da0136f5c18da6b0d40999

Contents

x13binary-package	2
checkX13binary	2
supportedPlatform	3
x13path	3
Index	4

`x13binary-package`*Provide the 'X13-ARIMA-SEATS' Seasonal Adjustment Program*

Description

The US Census provides a seasonal adjustment program now called 'X-13ARIMA-SEATS' building on both earlier Census programs called X11 and X12 as well as the SEATS program by the Bank of Spain. Census offers both source and binary versions. This package integrates these for use by other R packages.

Author(s)

Dirk Eddelbuettel <edd@debian.org> and Christoph Sax

References

<https://www.census.gov/data/software/x13as.X-13ARIMA-SEATS.html>

`checkX13binary`*Check if X-13ARIMA-SEATS Runs Properly*

Description

Performs a test run of X-13ARIMA-SEATS. Fails if no output is produced.

Usage

```
checkX13binary(fail.unsupported = FALSE, verbose = TRUE)
```

Arguments

`fail.unsupported`
logical, whether being on an unsupported platform leads to an error.

`verbose`
logical, should a message be returned on success?

Examples

```
checkX13binary()
```

supportedPlatform	<i>Test Platform Support</i>
-------------------	------------------------------

Description

Always returns TRUE.

Usage

```
supportedPlatform()
```

Examples

```
supportedPlatform()
```

x13path	<i>Full Path to X-13ARIMA-SEATS</i>
---------	-------------------------------------

Description

Returns the full full path to the X-13ARIMA-SEATS binary contained in the package, or "" if the platform is unsupported.

Usage

```
x13path()
```

Examples

```
x13path()
```

Index

* **package**

x13binary-package, [2](#)

checkX13binary, [2](#)

supportedPlatform, [3](#)

x13binary (x13binary-package), [2](#)

x13binary-package, [2](#)

x13path, [3](#)