

Package ‘x13binary’

June 24, 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`.

NeedsCompilation yes

Author Dirk Eddelbuettel [aut, cre] (<<https://orcid.org/0000-0001-6419-907X>>),
Christoph Sax [aut] (<<https://orcid.org/0000-0002-7192-7044>>),
Kirill Müller [ctb] (<<https://orcid.org/0000-0002-1416-3412>>),
Jeroen Ooms [ctb] (<<https://orcid.org/0000-0002-4035-0289>>),
Michael Antonov [ctb]

Maintainer Dirk Eddelbuettel <edd@debian.org>

Repository CRAN

Date/Publication 2024-06-24 08:50:02 UTC

Contents

x13binary-package	2
checkX13binary	2
supportedPlatform	3
x13path	3

Index	4
--------------	----------

x13binary-package	<i>Provide the 'X13-ARIMA-SEATS' Seasonal Adjustment Program</i>
-------------------	------------------------------------------------------------------

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	<i>Check if X-13ARIMA-SEATS Runs Properly</i>
----------------	-----------------------------------------------

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 *Test Platform Support*

Description

Always returns TRUE.

Usage

supportedPlatform()

Examples

supportedPlatform()

x13path *Full Path to X-13ARIMA-SEATS*

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](#)