

# Package ‘x13binary’

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**Type** Package

**Title** Provide the 'x13ashtml' Seasonal Adjustment Binary

**Version** 1.1.57-3

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**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.

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**URL** <https://github.com/x13org/x13binary>

**BugReports** <https://github.com/x13org/x13binary/issues/>

**RoxygenNote** 7.1.1

**Encoding** UTF-8

**NeedsCompilation** no

**License\_restricts\_use** no

**Repository** CRAN

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**License\_is\_FOSS** yes

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

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### 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>

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

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### 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()
```

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supportedPlatform      *Test Platform Support*

---

**Description**

Returns TRUE is the platform is supported, FALSE otherwise.

**Usage**

supportedPlatform()

**Examples**

supportedPlatform()

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

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**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()

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