

Package ‘sessioninfo’

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Title R Session Information

Version 1.1.1

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Description Query and print information about the current R session.
It is similar to 'utils::sessionInfo()', but includes more information
about packages, and where they were installed from.

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LazyData true

URL <https://github.com/r-lib/sessioninfo#readme>

BugReports <https://github.com/r-lib/sessioninfo/issues>

RoxygenNote 6.1.0

Suggests callr, covr, mockery, testthat

Imports cli, tools, utils, withr

Encoding UTF-8

NeedsCompilation no

Repository CRAN

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os_name	<i>Human readable name of the current operating system</i>
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Description

For example Windows 8.1 instead of Windows version 6.3.9600. On macOS it includes the code names, on Linux it includes the distribution names and codenames if appropriate.

Usage

```
os_name()
```

Details

It uses `utils::sessionInfo()`, but simplifies its output a bit on Windows, to make it more concise.

Value

A character scalar.

package_info	<i>Information about the currently loaded packages, or about a chosen set</i>
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Description

Information about the currently loaded packages, or about a chosen set

Usage

```
package_info(pkgs = NULL, include_base = FALSE, dependencies = NA)
```

Arguments

pkgs	Either a vector of package names or NULL. If NULL, displays all loaded packages. If a character vector, also, includes all dependencies of the package.
include_base	Include base packages in summary? By default this is false since base packages should always match the R version.
dependencies	Whether to include the (recursive) dependencies as well. See the dependencies argument of <code>utils::install.packages()</code> .

Value

A data frame with columns:

- `package`: package name.
- `ondiskversion`: package version (on the disk, which is sometimes not the same as the loaded version).
- `loadedversion`: package version. This is the version of the loaded namespace if `pkgs` is `NULL`, and it is the version of the package on disk otherwise. The two of them are almost always the same, though.
- `path`: path to the package on disk.
- `loadedpath`: the path the package was originally loaded from.
- `attached`: logical, whether the package is attached to the search path.
- `is_base`: logical, whether the package is a base package.
- `date`: the date the package was installed or built.
- `source`: where the package was installed from. E.g. CRAN, GitHub, local (from the local machine), etc.
- `md5ok`: Whether MD5 hashes for package DLL files match, on Windows. NA on other platforms.
- `library`: factor, which package library the package was loaded from. For loaded packages, this is (the factor representation of) `loadedpath`, for others `path`.

See [session_info\(\)](#) for the description of the *printed* columns by `package_info` (as opposed to the *returned* columns).

Examples

```
package_info()
package_info("sessioninfo")
```

platform_info

Information about the current platform

Description

Information about the current platform

Usage

```
platform_info()
```

Value

A list with elements:

- `version`: the R version string.
- `os`: the OS name in human readable format, see `os_name()`.
- `system`: CPU, and machine readable OS name, separated by a comma.
- `ui`: the user interface, e.g. Rgui, RTerm, etc. see GUI in `base::Platform`.
- `language`: The current language setting. The LANGUAGE environment variable, if set, or (EN) if unset.
- `collate`: Collation rule, from the current locale.
- `ctype`: Native character encoding, from the current locale.
- `tz`: The current time zone.
- `date`: The current date.

See Also

Similar functions and objects in the base packages: `base::R.version.string`, `utils::sessionInfo()`, `base::version`, `base::Platform`, `base::Sys.getlocale()`, `base::Sys.timezone()`.

Examples

```
platform_info()
```

session_info	<i>Print session information</i>
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Description

This is `utils::sessionInfo()` re-written from scratch to both exclude data that's rarely useful (e.g., the full collate string or base packages loaded) and include stuff you'd like to know (e.g., where a package was installed from).

Usage

```
session_info(pkgs = NULL, include_base = FALSE)
```

Arguments

<code>pkgs</code>	Either a vector of package names or NULL. If NULL, displays all loaded packages. If a character vector, also, includes all dependencies of the package.
<code>include_base</code>	Include base packages in summary? By default this is false since base packages should always match the R version.

Details

Columns in the *printed* package list:

- `package`: package name
- `*`: whether the package is attached to the search path
- `version`: package version. If the version is marked with (!) that means that the loaded and the on-disk version of the package are different.
- `date`: when the package was built, if this information is available. This is the `Date/Publication` or the `Built` field from `DESCRIPTION`. (These are usually added automatically by R.) Sometimes this data is not available, then it is `NA`.
- `source`: where the package was built or installed from, if available. Examples: `CRAN (R 3.3.2)`, `Github (r-lib/pkgbuild@8aab60b)`, `Bioconductor`, `local`.

See [package_info\(\)](#) for the list of columns in the data frame that is *returned* (as opposed to *printed*).

Examples

```
session_info()  
session_info("sessioninfo")
```

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