Package ‘sessioninfo’

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Title R Session Information
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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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**os_name**

*Human readable name of the current operating system*

**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**

```r
os_name()
```

**Details**

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

**Value**

A character scalar.

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**package_info**

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

**Description**

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

**Usage**

```r
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 `utils::install.packages()`.
platform_info

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.
- **loadpath**: 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) `loadpath`, for others `path`.

See `session_info()` for the description of the printed columns by `package_info` (as opposed to the returned columns).

Examples

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

---

**platform_info**

Information about the current platform

**Description**

Information about the current platform

**Usage**

```r
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

```r
platform_info()
```

---

**session_info**

*Print session information*

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

- **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.
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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