

# Package: r3 (via r-universe)

June 4, 2026

**Title** Companion Package for Rostools R Workshops

**Version** 0.8.3

**Description** Contains the helper functions and other files to make it easier for learners during (and after) the workshop.

**License** MIT + file LICENSE

**Depends** R (>= 4.1.0)

**Imports** broom, cli, commonmark, crayon, desc, dplyr, fs, gert, ggplot2, gitcreds, glue, here, hexbin, lubridate, magrittr, markdown, prodigenr, purrr, quarto, readr, readxl, rlang, rmarkdown, roxygen2, rprojroot, rstudioapi, snakecase, stringr, styler, tarchetypes, targets, tidyr, tidyselect, usethis, utils, vroom, withr, xml2

**Suggests** knitr, pak, gh, rversions, tibble

**Encoding** UTF-8

**Roxygen** list(markdown = TRUE)

**URL** <https://github.com/rostools/r3>

**BugReports** <https://github.com/rostools/r3/issues>

**X-schema.org-keywords** reproducibility, training, education, workshop, open educational resource

**Config/roxygen2/version** 7.3.3.9000

**Language** en-US

**Config/pak/sysreqs**

cmake git libglpk-dev make libgit2-dev libicu-dev libuv1-dev libxml2-dev libssl-dev libx11-dev

**Repository** <https://rostools.r-universe.dev>

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admin_update_deps	<i>Update r3's dependencies from the workshops' DESCRIPTION files</i>
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### Description

Compares with all the workshops

### Usage

```
admin_update_deps()
```

### Value

Doesn't output anything, used for the side effect to update the DESCRIPTION file.

---

check_system	<i>Runs checks on your system for R, RStudio, and Git.</i>
--------------	--

---

### Description

Runs checks on your system for R, RStudio, and Git.

### Usage

```
check_r_version()
```

```
check_rstudio_version()
```

```
check_git_config()
```

```
check_setup()
```

```
check_project_setup_intermediate()
```

```
check_project_setup_advanced()
```

**Value**

Prints information on given check.

**Functions**

- `check_r_version()`: Check version of R that is installed.
- `check_rstudio_version()`: Check version of RStudio that is installed.
- `check_git_config()`: Checks your computer's Git config settings.
- `check_setup()`: Check your setup in preparation for the workshop.
- `check_project_setup_intermediate()`: Check your project setup for the files and folders created.
- `check_project_setup_advanced()`: For the advanced workshop: Check your project setup for the files and folders created during the pre-workshop tasks.

---

`create_qmd`*Create document in the docs/ folder.*

---

**Description**

Make a draft of a Quarto document to use for the workshops.

**Usage**`create_learning_qmd()``create_cleaning_qmd()``create_sandbox_qmd()`**Value**

Creates a Quarto Markdown document in the docs/ folder.

**Functions**

- `create_learning_qmd()`: Create a `learning.qmd` file in the docs/ folder.
- `create_cleaning_qmd()`: Create a `cleaning.qmd` file in the docs/ folder.
- `create_sandbox_qmd()`: Create a `sandbox.qmd` file in the docs/ folder.

fix\_git\_remotes      *Fix some Git remote issues that occur during the workshop.*

---

**Description**

Fix some Git remote issues that occur during the workshop.

**Usage**

```
fix_git_remotes()
```

**Value**

Used for the side effect of connecting to Git. Returns NULL invisibly.

---

get\_allowed\_r\_versions  
*Get a list of the allowed R versions for the roostools workshops.*

---

**Description**

The allowed versions are those that are at maximum a year old from today, sorted by the oldest first.

**Usage**

```
get_allowed_r_versions()
```

**Value**

A character vector of allowed R versions.

**Examples**

```
get_allowed_r_versions()
```

---

`get_allowed_rstudio_versions`

*Get a list of the allowed RStudio versions for the rostools workshops.*

---

**Description**

The versions are those that are at a maximum one year old from today, sorted by the oldest first.

**Usage**

```
get_allowed_rstudio_versions()
```

**Value**

A character vector of allowed RStudio versions.

**Examples**

```
get_allowed_rstudio_versions()
```

---

`setup_git_config`      *Set the user's git configuration.*

---

**Description**

Set the user's git configuration.

**Usage**

```
setup_git_config()
```

**Value**

Modifies global git configuration.

---

setup\_git\_settings     *Set some Git config settings like main as default and rebase as false.*

---

**Description**

Set some Git config settings like main as default and rebase as false.

**Usage**

```
setup_git_settings()
```

**Value**

Invisible, values of previous settings.

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