

Package: bootstrapper (via r-universe)

May 27, 2026

Title Opinionated R Package Quickstart

Version 1.0.0

Description Bootstrap new R packages with strongly opinionated defaults. Creates the package scaffold, wires up tests, README and NEWS, configures GitHub Actions and Dependabot, adds Air/JarI setup, and drop in a default AGENTS.md for building R packages.

License GPL (>= 3)

URL <https://bootstrapper.visruth.com/>

Depends R (>= 4.2.0)

Imports fs, spelling, usethis, utils

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

Encoding UTF-8

Language en-US

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.3

Config/pak/sysreqs cmake git make libgit2-dev libuv1-dev libxml2-dev libssl-dev libx11-dev

Repository <https://r-multiverse.r-universe.dev>

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RemoteUrl <https://github.com/VisruthSK/bootstrapper>

RemoteRef v1.0.0

RemoteSha e0ee17327dc861846f340352d7ace3f51447b2c3

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bootstrapper	<i>Bootstrap a New R Package</i>
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Description

Create a package with some opinionated setup.

Usage

```
bootstrapper(
  fields = getOption("usethis.description", list(`Authors@R` = person("Visruth",
    "Srimath Kandali", , "public@visruth.com", role = c("aut", "cre", "cph"), comment =
    c(ORCID = "0009-0005-9097-0688")))),
  setup_gha = TRUE,
  setup_dependabot = TRUE,
  setup_AGENTS = FALSE,
  setup_precommit = TRUE,
  ...
)
```

Arguments

fields	Named list of DESCRIPTION fields passed to usethis::create_package() . See usethis::use_description()
setup_gha	Whether to configure GitHub Actions setup.
setup_dependabot	Whether to write a Dependabot configuration.
setup_AGENTS	Whether to write a default AGENTS file.
setup_precommit	Whether to write a Bash pre-commit hook.
...	Additional arguments passed to usethis::create_package() .

Value

Invisibly returns NULL.

create_package	<i>Create a Package and Connect GitHub</i>
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Description

Create a package in root, prompts for a license, cleans up build ignore file.

Usage

```
create_package(fields = getOption("usethis.description"), ...)
```

Arguments

fields	Named list of DESCRIPTION fields passed to <code>usethis::create_package()</code> . See <code>usethis::use_description()</code>
...	Additional arguments passed to <code>usethis::create_package()</code> .

Value

Invisibly returns NULL.

pkg_setup	<i>Apply Opinionated Package Setup</i>
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Description

Run the package setup steps used by bootstrapper, including test infrastructure, README/NEWS creation, GitHub Actions, and linting defaults. Run this in the root directory of your package.

Usage

```
pkg_setup(
  setup_gha = TRUE,
  setup_dependabot = TRUE,
  setup_AGENTS = FALSE,
  setup_precommit = TRUE
)
```

Arguments

setup_gha	Whether to configure GitHub Actions setup.
setup_dependabot	Whether to write a Dependabot configuration.
setup_AGENTS	Whether to write a default AGENTS file.
setup_precommit	Whether to write a Bash pre-commit hook.

Value

Invisibly returns NULL.

setup_agents	<i>Configure AGENTS Defaults</i>
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Description

Copies an opinionated, concise AGENTS.md for R package development.

Usage

```
setup_agents()
```

Value

Invisibly returns NULL.

setup_dependabot	<i>Configure Dependabot Defaults</i>
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Description

Writes a default Dependabot configuration for GitHub Actions.

Usage

```
setup_dependabot()
```

Value

Invisibly returns NULL.

setup_gha	<i>Configure GitHub Actions Defaults</i>
-----------	--

Description

Sets up standard GitHub Actions used by this package template and updates workflow references.

Usage

```
setup_gha()
```

Value

Invisibly returns NULL.

setup_precommit	<i>Configure Pre-Commit Hook</i>
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Description

Writes a Bash pre-commit hook that runs format and lint checks.

Usage

```
setup_precommit()
```

Value

Invisibly returns NULL.

use_license	<i>Choose and Apply a License</i>
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Description

Prompts for a license choice in interactive sessions and applies the selected use this license helper.

Usage

```
use_license()
```

Value

Invisibly returns NULL.

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