Package: bootstrapper (via r-universe)

February 26, 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/Jarl 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 git make libgit2-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   *Bootstrap a New R Package*

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 *Create a Package and Connect GitHub*

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 usethis::create_package().
                See usethis::use_description()

...   Additional arguments passed to usethis::create_package().

Value

Invisibly returns NULL.

---

pkg_setup *Apply Opinionated Package Setup*

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	*Configure AGENTS Defaults*

Description

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

Usage

```
setup_agents()
```

Value

Invisibly returns NULL.

---

setup_dependabot	*Configure Dependabot Defaults*

Description

Writes a default Dependabot configuration for GitHub Actions.

Usage

```
setup_dependabot()
```

Value

Invisibly returns NULL.

---

setup_gha	*Configure GitHub Actions Defaults*

Description

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

Usage

```
setup_gha()
```

Value

Invisibly returns NULL.

---

setup_precommit *Configure Pre-Commit Hook*

Description

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

Usage

```
setup_precommit()
```

Value

Invisibly returns NULL.

---

use_license *Choose and Apply a License*

Description

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

Usage

```
use_license()
```

Value

Invisibly returns NULL.

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