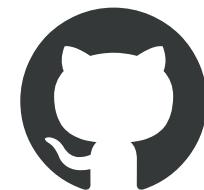
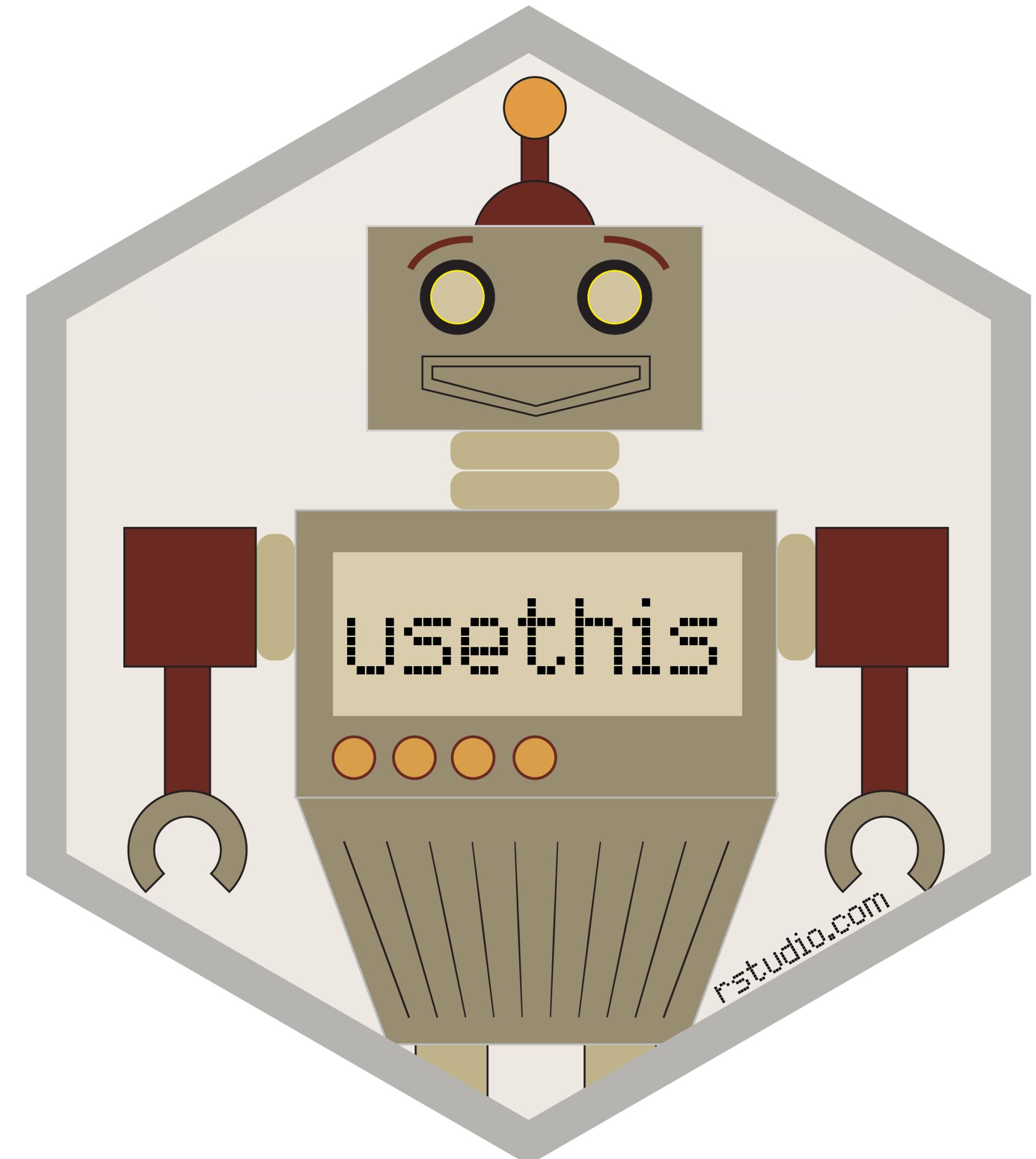


DRY out your workflow with usethis

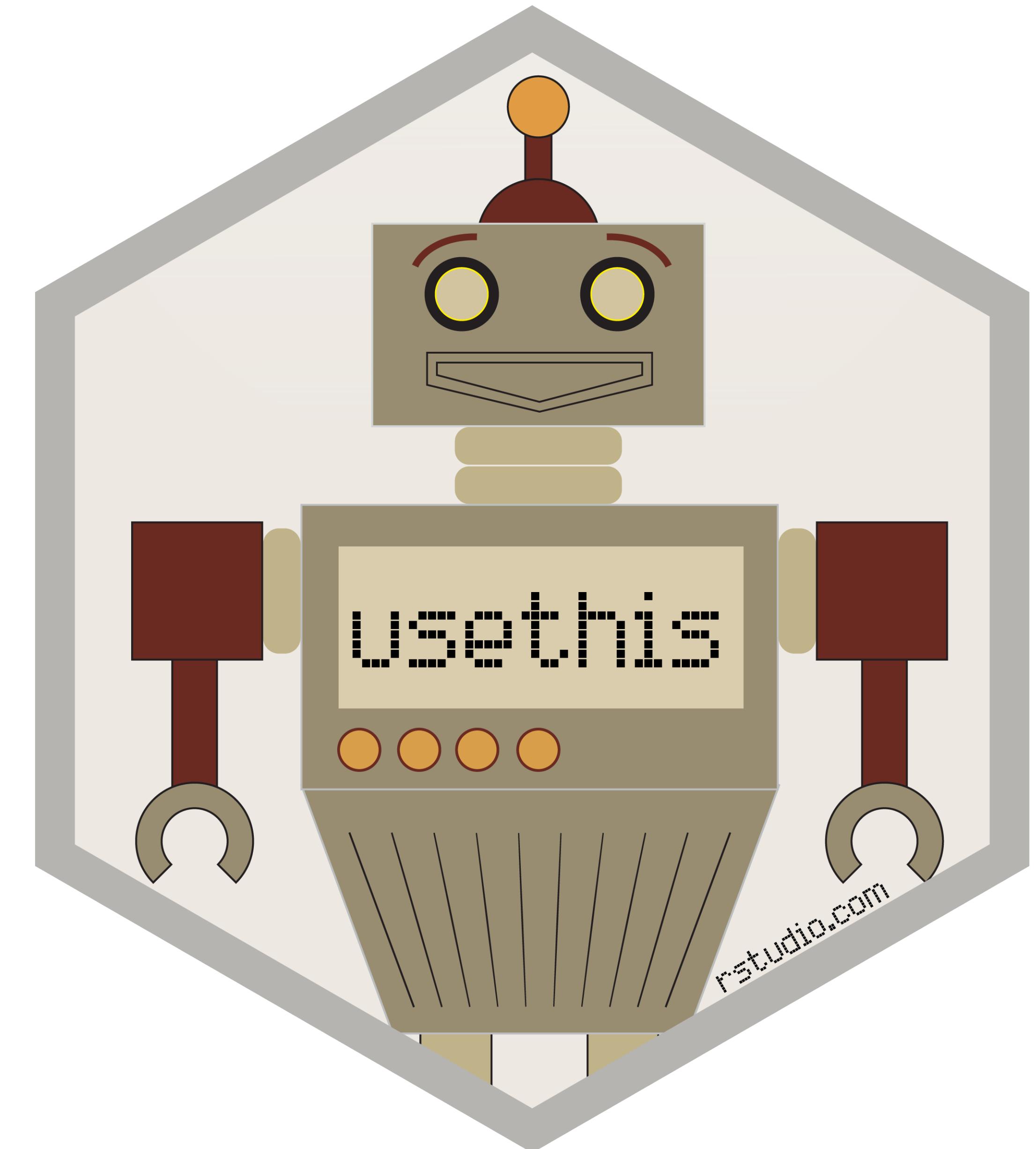
Jennifer Bryan



 @JennyBryan
 @jennybc



- ✓ workflow helpers
- ✓ package development
- ✓ project templating
- ✓ R & RStudio config
- ✓ Git & GitHub utilities



usethis.r-lib.org

rstd.io/usethis-talk

cp pkgA/DESCRIPTION

pkgB/DESCRIPTION

cp pkgA/.Rbuildignore

pkgB/.Rbuildignore

cp pkgA/.travis.yml

pkgB/.travis.yml

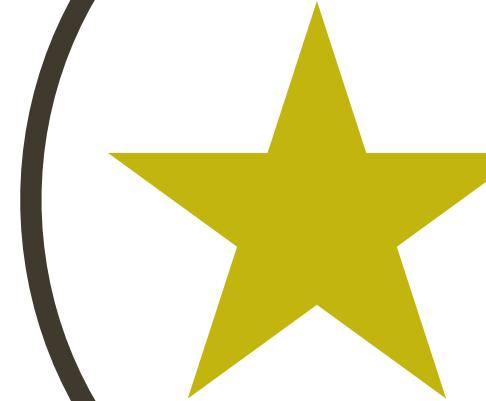
...



A photograph of a person's hands raised in a dark room. Light rays from behind the hands create a glowing effect against the dark background.

⌘C + ⌘V

CRAN



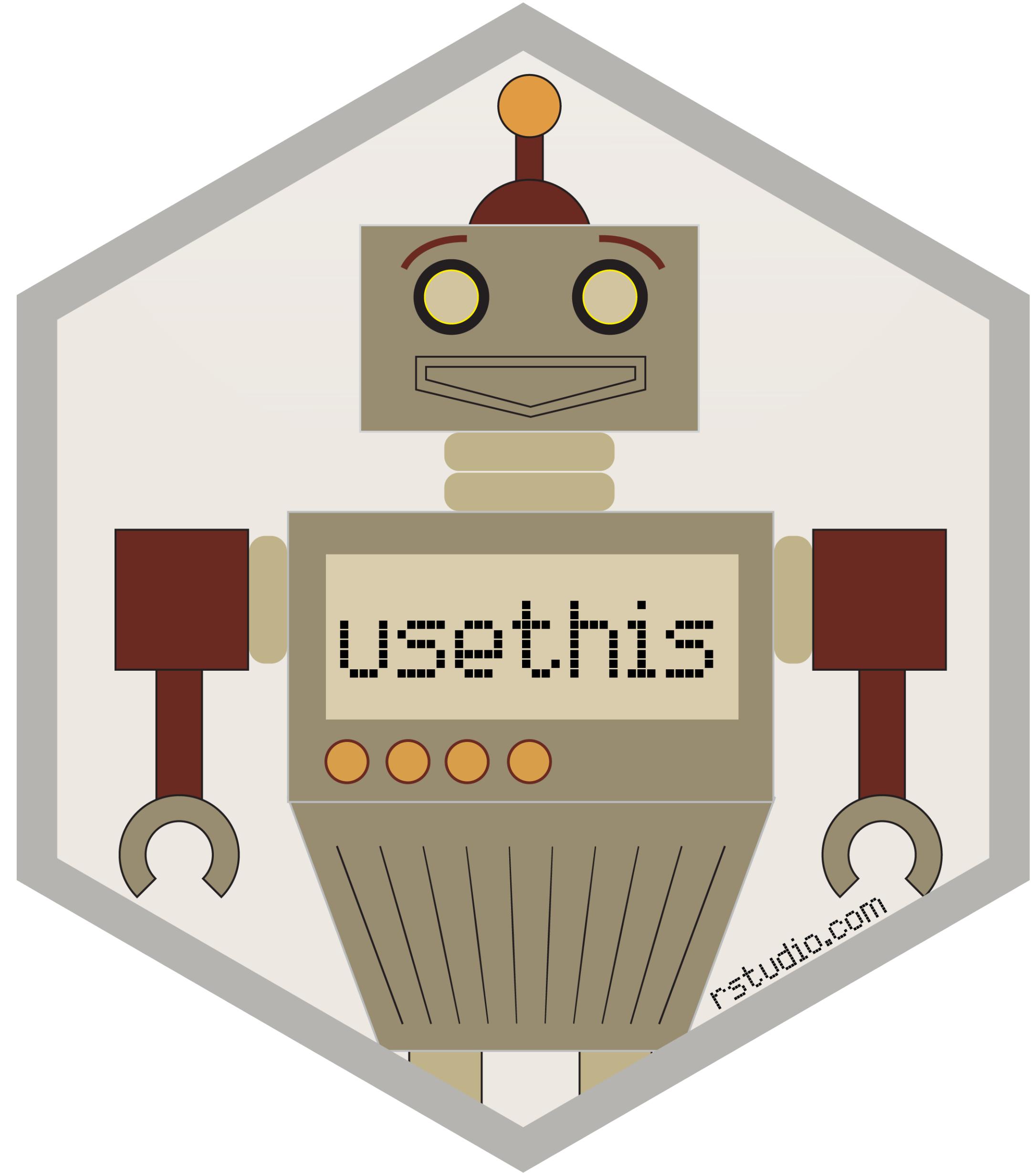
source dev in  orgs
r-dbi, r-lib, rstudio,
tidymodels, tidyverse

> 180 packages
> 1 package release **per business day**

~6K active pull requests in past year

package dev tasks on a large scale!

```
library(usethis)  
  
create_package()  
create_project()  
create_from_github()  
  
use_mit_license()  
use_testthat()  
use_vignette()  
use_cran_badge()  
# ... and so on
```

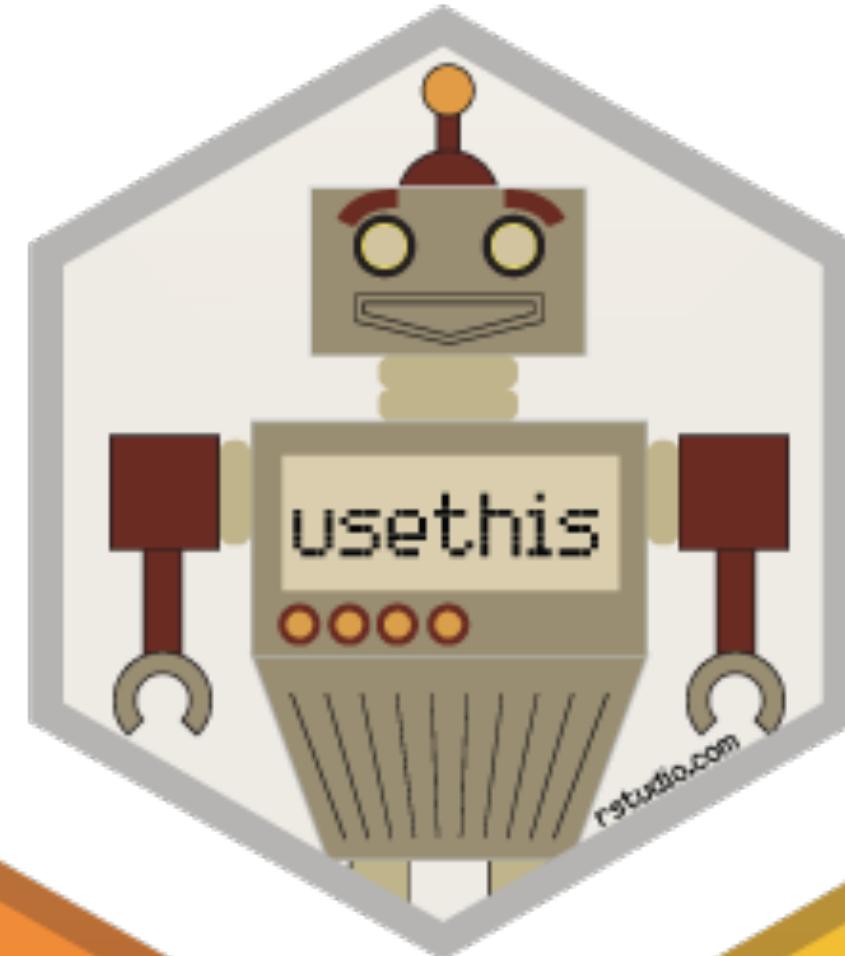




conscious
uncoupling



conscious
uncoupling



Usage advice for interactive work

```
# call once per session  
library(devtools)
```

```
# OR: put this in .Rprofile  
if (interactive()) {  
  suppressMessages(require(devtools))  
}
```

```
# call workflow functions directly  
create_package()  
document()  
load_all()
```



Usage advice for programmatic use

```
# qualify with correct namespace  
usethis::create_package()  
devtools::document()  
pkgload::load_all()
```



here we watch a few recorded demos

`usethis::create_package()`

Also starring:

`use_git()`

`use_mit_license()`

`check()`

`use_github()`

`use_readme_rmd()`

`usethis::create_from_github()`

Also starring:

Jim Hester and his dashboard

usethis::pr_fetch()

Also starring:

Luke Johnston

Christophe Dervieux

Prequel:

usethis::pr_init() <-- by contributor

`usethis::pr_push()`

Also starring:

Me

`usethis::pr_finish()`

Also starring:

Luke Johnston

Me

`usethis::use_course()`

`usethis::use_zip() <- less pedantic`

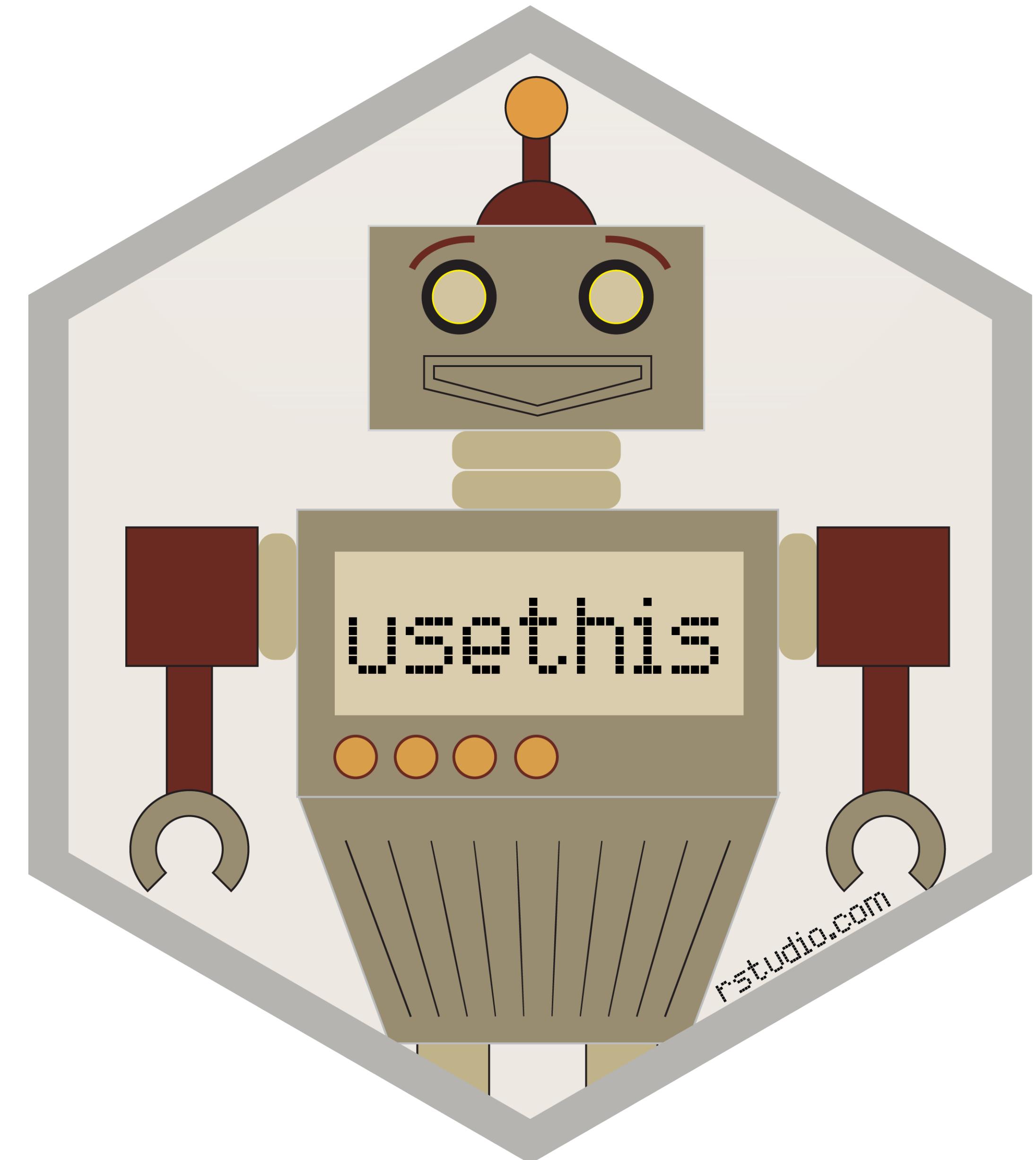
Also starring:

GitHub repos

DropBox folders

Any ZIP on the interwebs

- ✓ workflow helpers
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