

R configuration for packages

```
install.packages(c("devtools", "usethis", "testthat",  
"reprex", "pkgdown"))
```

git_sitrep()

```
> library(usethis)
> git_sitrep()
Git user
* Name: 'Amelia McNamara'
* Email: 'amelia.mcnamara@stthomas.edu'
* Vaccinated: TRUE
usethis + git2r
* Default usethis protocol: https
* git2r supports SSH: FALSE
* Credentials: '<usethis + git2r default behaviour>'
GitHub
* Personal access token: '<found in env var>'
* User: 'AmeliaMN'
* Name: 'Amelia McNamara'
Repo
i No active usethis project.
```

 **Mara Averick**
@dataandme Following

Hello people of twitter (especially the {usethis}-lovers among you).
sitrep — noun sit·rep | \ 'sit·rep\
informal A report on the current military situation in a particular area.
Origin — 1940s: from sit(uation) rep(ort).



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If your name, email, and vaccinate aren't set:

```
library("usethis")
```

```
use_git_config(user.name = "Amelia McNamara",  
user.email = "amelia.mcnamara@stthomas.edu")
```

```
git_vaccinate()
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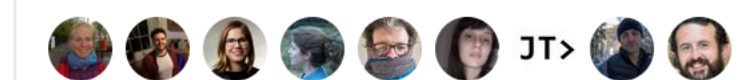
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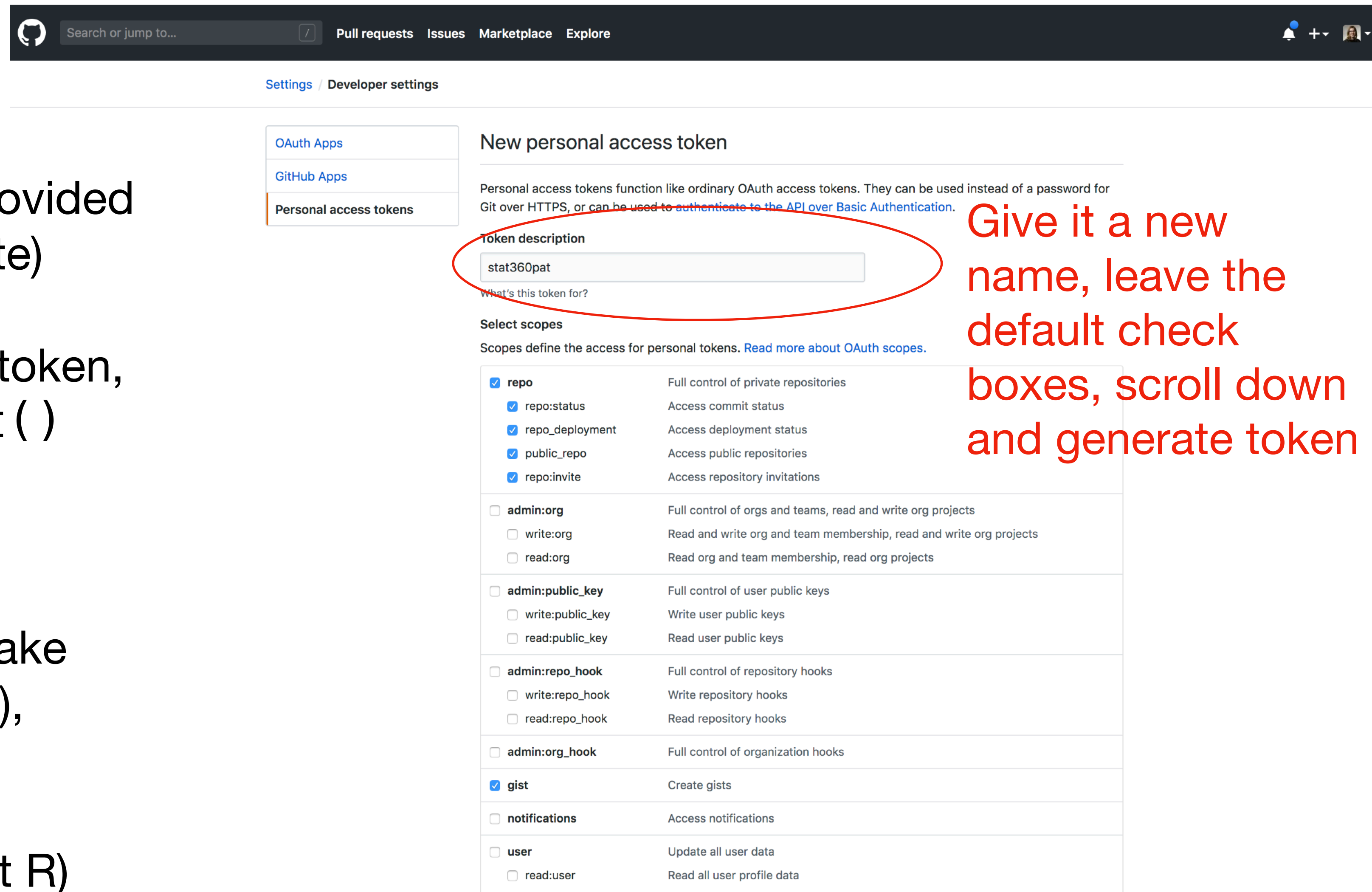


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To get here, we need to set our Github PAT

- Open `.Renviro`n, with `edit_r_environ()`
- Add some generic code (I provided an example on the course site)
- Go find your GitHub access token, using `browse_github_pat()`
- Copy the token from GitHub
- Paste into your `.Renviro`n (make sure there's a newline after it), save `.Renviro`n
- Restart R (Session -> Restart R)



The screenshot shows the GitHub Developer settings page for creating a new personal access token. The page title is "New personal access token". Below the title, there is a description: "Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to authenticate to the API over Basic Authentication." The "Token description" field is highlighted with a red oval and contains the text "stat360pat". Below this, there is a section for "Select scopes" with a list of checkboxes and their corresponding descriptions. The "repo" scope is selected, and its sub-scopes "repo:status", "repo_deployment", "public_repo", and "repo:invite" are also selected. Other scopes like "admin:org", "admin:public_key", "admin:repo_hook", "admin:org_hook", "gist", "notifications", and "user" are not selected. A red text overlay on the right side of the screenshot reads: "Give it a new name, leave the default check boxes, scroll down and generate token".

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Settings / Developer settings

OAuth Apps
GitHub Apps
Personal access tokens

New personal access token

Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to authenticate to the API over Basic Authentication.

Token description

stat360pat

What's this token for?

Select scopes

Scopes define the access for personal tokens. [Read more about OAuth scopes.](#)

<input checked="" type="checkbox"/> repo	Full control of private repositories
<input checked="" type="checkbox"/> repo:status	Access commit status
<input checked="" type="checkbox"/> repo_deployment	Access deployment status
<input checked="" type="checkbox"/> public_repo	Access public repositories
<input checked="" type="checkbox"/> repo:invite	Access repository invitations
<input type="checkbox"/> admin:org	Full control of orgs and teams, read and write org projects
<input type="checkbox"/> write:org	Read and write org and team membership, read and write org projects
<input type="checkbox"/> read:org	Read org and team membership, read org projects
<input type="checkbox"/> admin:public_key	Full control of user public keys
<input type="checkbox"/> write:public_key	Write user public keys
<input type="checkbox"/> read:public_key	Read user public keys
<input type="checkbox"/> admin:repo_hook	Full control of repository hooks
<input type="checkbox"/> write:repo_hook	Write repository hooks
<input type="checkbox"/> read:repo_hook	Read repository hooks
<input type="checkbox"/> admin:org_hook	Full control of organization hooks
<input checked="" type="checkbox"/> gist	Create gists
<input type="checkbox"/> notifications	Access notifications
<input type="checkbox"/> user	Update all user data
<input type="checkbox"/> read:user	Read all user profile data

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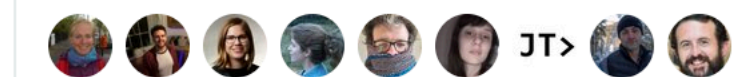
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edit_r_profile()

- Open .Rprofile, with `edit_r_profile()`
- Add some generic code (I provided an example on the course site)
- Edit your name and email address, make sure the file ends with a newline, save .Rprofile
- Restart R (Session -> Restart R)

```
# An .Rprofile file helps keep you lazy (or undistracted) by setting
# options every time R starts.
# - to open *your* .Rprofile file, use this::edit_r_profile()
# - please make sure that your .Rprofile file ends with a newline,
#   or R will ignore it
# - some things you want to run all the time, others only when you are
#   running R interactively
# - this is a minimal file, you will likely want to add your own "stuff"
#
# More information: https://whattheyforgot.org/r-startup.html#rprofile
#
# The .First() function can be useful because if you create variables,
# they "stay" in your function, and do not "pollute" your global
# environment.
#
.First <- function() {

  # options are used to help define how R "interacts with the world"
  # - where to install packages from?
  # - how to sign emails?
  # - which protocol to use with GitHub?
  #
  options(
    # where does R look when you install.packages()?
    repos = c(
      # redirects to "best" among worldwide servers, sponsored by RStudio
      CRAN = "https://cloud.r-project.org/"
    ),
    # if you submit a package to CRAN using devtools,
    # it will send an email on your behalf
    # this is the name it uses to sign the email
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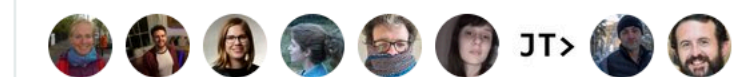
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