

IMOP: Workflowr Quick Start

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1 Set Up - Once Per Machine

It is ideal to do this setup in RStudio, but any platform of R will work:

```
install.packages("workflowr")
library("workflowr")
wflow_git_config(user.name = "First Last", user.email = "first.last@agios.com")
```

2 Create Project

2.1 R Prep

```
library("workflowr") #Don't have to repeat if completed above
wflow_start("/path/PROJECT") #Starts a workflowr project by creating folders & R project
```

2.2 GitLab Repo Connection

Go to your Agios GitLab and do the following:

- Create a project in GitLab with the same name as the project in RStudio
- Go to your PROJECT directory in your terminal and paste the Push an Existing Git Repository

2.3 Complete connection in R

```
wflow_build() # Builds the Rmd files which builds the site allowing you to preview changes
wflow_publish(c("analysis/*.Rmd"), "Publish the initial files for PROJECT") #Updates HTML files
wflow_use_gitlab(username = "first.last", repository = "PROJECT", domain = "git.agios.local")
```

3 Creating a New File & Running Analysis

```
wflow_open("analysis/NEW.Rmd") #Creates and opens a new file
wflow_build() # If you are in RStudio you can also use the Knitr button here
wflow_publish(c("analysis/NEW.Rmd"), "Publish the file NEW") #Updates HTML files
```

Make sure you are in the correct project in your terminal, then run:

```
git push #Pushes your work to Git saving a backup and allowing others to view your updated page
```

Repeat this process anytime you want to update your page.