# Project Management

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# 1 Example usage

This is how projman functions can be used to create and manipulate a project, using the projman project itself as an example. The code below is not intended to be run directly, but serves as a guide.

### 2 R code

## 2.1 Create a project

Note that I use my own default path for storing a project when creating a new project. See the projman [default objects](objects.html "default objects") and [creating a new project](func\_new.html "new project") for more details.

```
source("C:/github/ProjectManagement/code/projman.R") # Eventually load projman package instead
proj.name <- "ProjectManagement" # Project name
proj.location <- matt.proj.path # Use default file location

docDir <- c("Rmd/include", "md", "html", "Rnw", "pdf", "timeline")
newProject(proj.name, proj.location, docs.dirs = docDir, overwrite = T) # create a new project

rfile.path <- file.path(proj.location, proj.name, "code") # path to R scripts
docs.path <- file.path(proj.location, proj.name, "docs")
rmd.path <- file.path(docs.path, "Rmd")

# generate Rmd files from existing R scripts using default yaml front-matter
genRmd(path = rfile.path, header = rmdHeader())</pre>
```

#### 2.2 Update a project

Functions can be used to create, read, or update. See [Rmd-related functions](func\_rmd.html "Rmd-related functions").

#### 2.3 Prepare a project website

With some additional project-specific setup, files can be generated which will assist in creating a project website. See [website-related functions](func\_website.html "website-related functions").