setwd("C:/Users/gmillot/Desktop/temp")

path <- "C:/Users/gmillot/Documents/Git\_projects/safer-r/saferGG/R/"

package.skeleton(

*name* = "saferGG", # name of the package that will be created. \_ is not allowed

*path* = ".", # where the package will be created

    # list = c("fun\_check", "fun\_info"), # if the functions are in the global environement (controled by environement argument)

*code\_files* = paste0(path, list.files(path)) # path where .R files are, if the functions are in a .R files (that will be sourced)

)

setwd("C:/Users/gmillot/Desktop/temp/saferGG/")

roxygen2::roxygenise(*package.dir* = ".") # or devtools::document()

extract\_imported\_packages <- function(*pkg\_path* = ".") {

  # List all R script files in the R folder of the package

  r\_files <- list.files(file.path(pkg\_path, "R"), *pattern* = "\\.R$", *full.names* = TRUE)

  # Initialize a set to store unique package names

  package\_names <- *character*()

  # Regular expression to extract package names from @importFrom lines

  import\_from\_regex <- "#'[[:space:]]\*@importFrom[[:space:]]+([a-zA-Z0-9\\.]+)"

  # Iterate through each R file

  for (file in r\_files) {

    # Read each R file

    lines <- readLines(file)

    # Match lines containing @importFrom and extract package names

    matches <- regmatches(lines, gregexpr(import\_from\_regex, lines))

    for (match\_list in matches) {

      for (match in match\_list) {

        if (length(match) > 0) {

          # Extract the package name using the captured group in the regex

          package\_name <- sub(import\_from\_regex, "\\1", match)

          # Add to the set of package names

          package\_names <- c(package\_names, package\_name)

        }

      }

    }

  }

  # Return a unique list of package names

  unique(package\_names)

}

# Run the function on your package directory

setwd("C:/Users/gmillot/Desktop/temp/saferGG/")

imports\_list <- extract\_imported\_packages(".")

sapply(*X* = imports\_list, *FUN* = usethis::use\_package)

setwd("C:/Users/gmillot/Desktop/temp/saferGG/") # since new files can be crated with devtools::check()

devtools::check() # check the package