Tips for Installing Development Version of ICAMS Package

As the ICAMS package is not on CRAN (The Comprehensive R Archive Network) yet, we cannot use the command install.packages("ICAMS") to install it. Instead, we will need to use the installation function from devtools package to install it from a local file.

Step 1: Please make sure you have installed devtools package into your R library.

You may use the following code for the checking and installing of the devtools package:

```
if (!requireNamespace("devtools", quietly = TRUE)) {

  install.packages("devtools ")

}
```

Step 2:

If you have R package development tools installed on your computer, then you may use the following code for installing the source file of development version of ICAMS package:

devtools::install_local("path of the **source** file which has .tar.gz file extension name")

In linux environment, first use tar -xvzf on the tar.gz file, start R, load devtools package, then setwd() to the directory where the decompressed ICAMS folder is located, followed by install_local("ICAMS")

If you **don't** have R package development tools installed on your computer, then you can only install the **Windows platform specific** binary file:

devtools::install_local("path of the **binary** file which has .zip file extension name")

Note: You may refer to this website for package development prerequisites:

https://support.rstudio.com/hc/en-us/articles/200486498-Package-Development-Prerequisites