

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:

Have R package development tools installed on your computer.

You may refer to this website for package development prerequisites:

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

Step 3:

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")
```

Note: In **Linux** environment, after **Step 2**, you will need to first use `tar -xvzf` to unzip the tar.gz file.

Following that, start R and use `setwd()` to go to the directory where the decompressed ICAMS folder is located.

Finally use `devtools::install_local("ICAMS")` to install the development version of ICAMS package.