

Getting the software Ready



R and Rstudio (for Windows)

- Download R: <https://cran.r-project.org/bin/windows/base/>
- Download Rstudio software: <https://www.rstudio.com/products/rstudio/download/>
- Download Rtools software from: <https://cran.r-project.org/bin/windows/Rtools/Rtools33.exe>
- Install R, then Rtools, then Rstudio

R and Rstudio (for MacOS)

- Download R: <https://cran.r-project.org/bin/macosx/>
- Download Rstudio software: <https://www.rstudio.com/products/rstudio/download/>
- Install R, then Rstudio

Rcpp and MANTIS (both MacOS and Windows):

- Download the MANTIS package from: <http://www.eeid.ox.ac.uk/mantis>
- Make sure that your system keeps the correct extension (".tar.gz") for the downloaded file (in MacOS it often happens that the file is automatically renamed to ".tar")
- Open Rstudio if not opened already
- Navigate to *Tools* → *Install Packages*. In the popup window, choose *Install From: → Repository (CRAN)*. In *Packages* type in Rcpp and click *Install*.
- At this point you may be asked to install missing software, you need to agree with its installation.
- Navigate to *Tools* → *Install Packages*. In the popup window, choose *Install From: → Package Archive File*. In the popup window, choose the MANTIS package file you downloaded ("MANTIS_XX.tar.gz")

Test if MANTIS is properly installed:

- Open Rstudio if not already opened and type `require(MANTIS)`, and then `helloMANTIS()`, which should result in a welcome message
- If an error message is returned, please get in touch with the EEID group on Twitter (@EEID_oxford) or contact the developer (email address on www.eeid.ox.ac.uk/mantis)