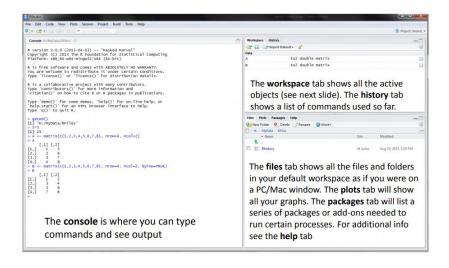
- R is a cross-platform, zero-cost statistical programming environment.
- R offers a powerful but easy-to-learn set of tools that can assist you with working with data.
- R
- CRAN
- RStudio



**RStudio** 

## RStudio screen



## RStudio working directory

- Workspace is your current R working environment and includes any user-defined objects: vectors, matrices, data frames, lists, functions and others;
- at the end of an R session, the user can save an image of the current workspace that is automatically reloaded the next time R is started.
- RStudio: one project is one workspace;
- the workspace is saved to the file .RData.

## RStudio working directory



If you have different projects you can change the working directory for that session, see above. Or you can type:

# Shows the working directory (wd)

getwd()

# Changes the wd

setwd("C:/myfolder/data")



Remember that you must use the forward slash / or double backslash  $\backslash \$  in R ! The Windows format of single backslash will not work.

RStudio - creating projects

RStudio - creating projects