

openNCA Computation Engine Demonstration Installation and Test Cases

These instructions provide brief installation and testcase execution guidance.

Dependencies for installation

devtools: Tools to Make Developing R Packages Easier

curl: A Modern and Flexible Web Client for R

Download Testcase scripts and data

<https://github.com/tensfeldt/openNCA/blob/master/demo/demo.zip>*

Demonstration Installation

Open R or RStudio

openNCA Computation Engine v3.0 (commit c3d3f48) has been qualified with R-3.5.1. So consider R-3.5.1 as a minimum installation requirement.

Set your default folder in the R session

This should be the folder **above** the "demo" folder that you downloaded

Execute the installation script openNCA Computation Engine package library

Load `../demo/install/openNCAcommitinstallation.R` and execute all of the lines.

Alternatively, source the file. For example, if you've downloaded demo.zip and unzipped to your Downloads folder:

```
home <- Sys.getenv("HOMEPATH")
setwd(file.path(home, "Downloads"))
getwd()
unzip("demo.zip")
list.files("./demo")
source("./demo/install/openNCA_commit_installation.R")
```