nontarget installation guide

nontarget is a software package to be run in the R statistical environment. Beside older package versions available from the CRAN repository, the latest (and preferably used) update of *nontarget* is freely available from its development repository at GitHub: https://github.com/blosloos/nontarget. Thus, for downloading, installing and running *nontarget* from GitHub instead of CRAN do the following (Windows, full administrator rights (!), internet access):

(1) Have the latest version of the *R statistical environment* installed on your computer: http://cran.rstudio.com/ -> Download R for Windows -> base -> …

(2) Install the latest version of *Google Chrome* (or *Firefox*) and set it as default browser.

(3) Install *Rtools*: http://cran.r-project.org/bin/windows/Rtools/. During the *Rtools* installation, make sure to check "edit system PATH" (this will enable your computer to access *Rtools* from *R*).

(4) Open *R* by clicking on its icon - the *R Console* pops up. Therein, type&enter the following:

```
> install.packages("devtools")
```

Choose any mirror you like. This installs the *devtools* package. Together with the above *Rtools*, it will download, compile[1] and install (a) *nontarget* from its *GitHub* repository and (b) all the packages *nontarget* depends on from the *R* packages library:

(5) Again, in the R console type&enter:

```
> library(devtools)

> install_github("blosloos/nontarget",dependencies=TRUE)
```

nontarget and all its dependency packages are thereby installed locally into the *R* library folder (again, freely choose a mirror for these dependencies).

(6) Now, the package *nontarget* should be available from the *R console* . To load it type&enter:

```
> library(nontarget)
```

Repeat step **(5)** whenever you only want to update *nontarget*, after running

```
> update.packages(ask=FALSE)
```

in your freshly opened R console; this will also retrieve the latest versions of all dependent packages.

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[1] Here, compilation means that the human-readable source code of the raw package is converted into executable=machine-readable binary code, which is platform-dependent. The *GitHub* repository only stores the *nontarget* source code.