Social Robotics

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Winter Semester 2017/18

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Exercise Sheet 0

Important information: You will be required to turn in your solutions to the theoretical and practical exercises in groups of **two to three** students. Homework is to be submitted electronically via git. For best support, we recommend you to use a current Linux-based operating system (e.g., Ubuntu). The aim of this first sheet is for you to form groups and set up your programming environment.

Exercise 0.1 (Group registration, **due Thursday**)

Send an e-mail to `engesser@cs.uni-freiburg.de` (until Thursday) containing for each group member (1) the full name, and (2) a valid e-mail address. We will use this information to setup an account on our gitlab-server for each of you and to create a submission repository for each group.

Exercise 0.2 (Setting up R, no submission)

For the practical exercises, we will use `R` in conjunction with `RStudio` and `R Markdown`. E.g., if you use Ubuntu, you can first install `R` via:

```
$ sudo apt-get install r-base r-recommended
```

You can then find the package for installing `RStudio` at

`https://www.rstudio.com/products/rstudio/download/`.

Finally, you can install `R Markdown` by starting the `R` interpreter (either the one in your terminal or the one in `RStudio`) and typing:

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

To check whether your installation was successful, try to run `RStudio` and type the following command into the interpreter (it should return `TRUE`):

```
> "rmarkdown" %in% rownames(installed.packages())
```

Exercise 0.3 (Git installation, no submission)

Install git. E.g., if you use Ubuntu, you can install it via:

```
$ sudo apt-get install git
```

To check whether your installation was successful, you can try the following command in your shell:

```
$ git --version
```

More information on how to use git can be found at `https://git-scm.com/book/en/v2/Git-Basics-Getting-a-Git-Repository`.