Welcome to the CoEDL Summer School

Here are the support files for the EmuR Workshop at the CoEDL Summer School 2019

The Emu R course

This is a gentle introduction to Emu R and using R studio for speech science and phonetics. This document will help you install R, Rstudio and EmuR which are pre-requisites for

Installation

If you don't have R and R studio installed, please follow the steps described in this document (and see the wiki for further info).

Installing R

1. The first step is to install R from this url: https://cran.ms.unimelb.edu.au
2. Download the correct binary for your platform:
3. Follow the installation instructions (Install RTools if you are on Windows)

Installing R Studio

We require the open source version of RStudio Desktop.

https://rstudio.com/products/rstudio/download/#download

If you don't already have EmuR Installed you can install it using:

```
{r installation_emu} # install.packages('devtools') install.packages('tidyverse') #
Required for emu install.packages('emuR')
```

```
# If we want the development version of emuR we can use the following code:
# library(devtools)
# install_github("IPS-LMU/emuR")
```

Please open the `Code` folder and goto `01_emu_basics.R` and then to `02_emu_further_plotting.R`.

Once you have worked through those files then you can take a look at the import and export instructions in the `Docs` folder. All of these files will open in RStudio

For further information see the [Emu SDMS Manual by Raphael Winkelmann: https://ips-lmu.github.io/The-EMU-SDMS-Manual/}(https://ips-lmu.github.io/The-EMU-SDMS-Manual/)

Please email me if you have any questions: hstoakes at unimelb dot edu.au or h.stoakes at auckland dot ac.nz