

# PsychoPy

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PsychoPy is an open-source application developed at the University of Nottingham by J.W. Peirce. It allows the presentation of stimuli and collection of data for a wide range of neuroscience, psychology and psychophysics experiment. More information about the software can be found in its official website (<http://www.psychopy.org/>).

## Installing PsychoPy

The following are the steps to download and configure PsychoPy, and communicate it with Frapper.

1) To work and develop on PsychoPy it is not mandatory to download the source code. It is enough to download the RELEASE version ([StandalonePsychoPy-1.83.03-win32.exe](#)), which can be found here: <https://github.com/psychopy/psychopy/releases>

2) Run PsychoPy from the Start Menu. The first time it will do some setting operations, and it will show the Builder interface (graphical interface).

This Builder interface is not necessary to run the python scripts provided with the “SARA Frapper Demo.exe”.

3) Go to View->Open Coder view and look for the DECT python scripts. These can be found in (<path\_to\_My\_Documents>/PsychoPy).

To run a sample of the NPR-DECT, use the file “Sockets-DECT.py”.

To run a sample of the i-DECT, use the file “Sockets-iDECT.py”.

4) Before running the experiment, make sure that you run the corresponding DECT in Frapper.

DISCLAIMER: the python scripts provided here are not the ones used in the experiments performed in the SARA project. In case you would like to access them, please contact us to:

[research@filmakademie.de](mailto:research@filmakademie.de)