Poppy Generation Robots Replayer
Application installation

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1.   Installation of the Poppy program

1.1.   Flashing an eMMC card

To prepare a new eMMC card for Poppy Humanoid, flash an eMMC card with the last version of Poppy Humanoid, and then connect on your robot by typing in a terminal:

```
ssh poppy@poppy.local
password : poppy
```

1.2.   Pypot configuration

Modify the Poppy Humanoid configuration, if not already done, in the file:
/dev/poppy_humanoid/poppy_humanoid.py

Change :
```
        for m in robot.motors:
            m.goto_behavior = 'minjerk'
```
in :
```
        for m in robot.motors:
            m.goto_behavior = 'dummy'
```

1.3.   Loading the Poppy program

Download the Poppy program source code:
git clone https://github.com/GRLab/Poppy_GRR.git

- Modify the file *serverPoppy/poppyserver.py* so that the host name is the name of your robot.
  - by default name: *poppy.local*
  - by default name in the application: *poppygr.local*

The robot is then ready to use. The only thing left to do is to execute the Poppy server by typing:
python serverPoppy/poppyserver.py

The web interface can now connect to the robot.

2.   Web interface installation

2.1.   Loading the web interface

The web interface can be downloaded as the Poppy program. Its repertory is *poppyApp*.

Put the repertory */poppyApp/* in:
- using WAMP (windows): *C:/wamp/www/*
- using LAMP (linux): */var/www/html/*

2.2.   Configuration

Then, the file */poppyApp/core/database/connect.php* must be modified: to the lines 12 and 13, put your login of your database.

Next, modify the file */poppyApp/JS/functions.js* : replace at the line 7 the "poppyName", and put the name of your Poppy (by defaut poppy.local) or its IP address.

Finally, import the database ProjetKERAAL from the file *ProjetKERAAL.sql*, in the page *http://localhost/phpmyadmin*.

2.3.   Executing

Note : if you are using Windows, please download and install first Bonjour software.

After launching your server (Apache…), open the web interface by typing the following URL : http://localhost/poppyApp/poppyGRR.php.