Remote Controlled Devices

If you have not done it yet I would recommend using a remote controlled device linked to Jennifer! We hope to make it easy for anyone to easily link a device in. This will take time. The easiest way at the moment is an Audio controlled e-stim but that costs a lot. We hope to have a simple solution that anyone can put together or buy off the shelf for under £20 soon.

If you are too scared to join Jennifer the device API is also available by getting an ID from https://play-link.com/devices.html In time you may also be able to test your devices at https://play-link.com/jen/devices.php?id=XXXX

API

Reading Values

The remote devices are triggered by reading JSON data from the following address: [https://play-link.com/jen/remote.php?id=XXX] The format is in the following format:

```
{
"servertime": 1466500571,
"triggers": [
{
"start": 1466500601,
"level": 100,
"device": "estim",
"duration": 2
}
,
{
"start": 1466500606,
"level": 100,
"device": "lock",
"duration": 2
}
]}
```

You can also get the data in text or an alternative json format by adding “&format=text” or “&format=json2” to the link above if thats is easier for you to read. In the example above there are 2 upcoming triggers one for the estim and 5 seconds later to release the lock.

A lot of devices currently being developed make use of relays so the level value is ignored.

Return Status

Where possible it preferable to return a status update when a trigger has been activated. This enables Jennifer (and external mistresses) to get feedback when she tries to shock you etc To return a status text use the following: https://play-link.com/jen/return.php?id=XXX&device=estim&text=Shock

The above example would return the text “Shock” for if an estim device had been successfully triggered. It would also be good for devices to send a status update to show a device is connected and ready for action e.g. https://play-link.com/jen/return.php?id=XXX&device=estim&text=Ready

Creating Triggers

This will only really be needed for testing...

You can add triggers as follows:
https://play-link.com/jen/remote.php?id=XXX&device=estim&delay=60&duration=1&level=100 in this example it will trigger the estim for 1 second in 60 seconds time. If you don't specify delay, duration or level, default values will be used.

Devices currently in the system are: estim, shock, lock, vibe

Alternatively you can use the control program below to create test triggers.

Control

Instead of having to workout how to use the API you can download a controller program.

The controller program is available at [https://play-link.com/jen/controller.zip] you can download this and after updating the ini file will allow you to run commands to trigger devices.

The controller package also contains the source-code in Lazarus and some examples in other languages such as C++ so worth a look if you need some pointers.

Devices

- Audio Controlled device - How to link an audio controlled estim into Jennifer
- External estim devices - E-Stim devices linked to a controller
- RasberryPi - Project page on how to link a rasberrypi to Jennifer with example pyphon script and hardware description and pictures.
- Arduino devices - arduino based devices (Smichael27 ?)
- WiFi Relay controller - Project page on building / using a wifi relay device (edinburghJay)

Design & Experimentation

- Dick As A Circuit - Measuring how a certain body part behaves in an estim circuit.
- How EStim Works - Measuring how a TENS7000 unit works
- How Audio Output Works - What are typical properties of phone/laptop/amplifier audio out?
- High Voltage Switches - Which switches can we control the high-voltage estim from low-voltage computer / phone / arduino outputs?

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Last update: **2016/08/01 10:38**