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# **Remote Controlled Devices**

This is a place marker for help in making and using remote controlled devices linked to Jennifer. All the following headings will goto their own sub page.

### **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.

#### **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

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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
- 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 (edinburghlay)

# **Design & Experimentation**

• Dick As A Circuit - Determining how a certain body part behaves in an estim circuit.

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