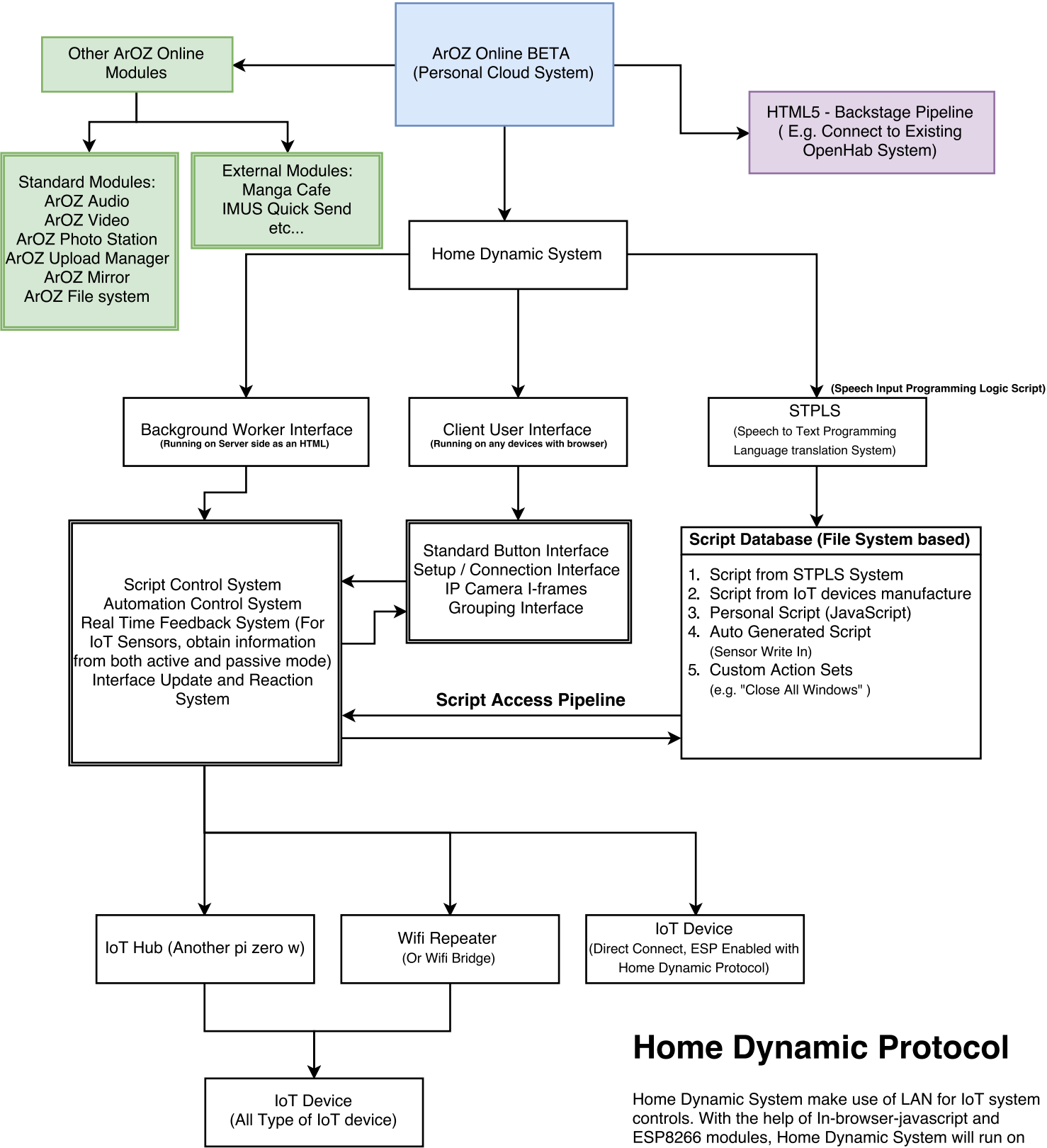


ArOZ Online BETA // Home Dynamic Open Source Home Automation System



Home Dynamic Protocol

Home Dynamic System make use of LAN for IoT system controls. With the help of In-browser-javascript and ESP8266 modules, Home Dynamic System will run on basic-auth, GET variables and return value via HTTP. Here is an example code for the communication.

[Client Interface, Javascript GET Request Header]

http://123.456.78.90:80/act?info

[Home Dynamic Module return value in plain text]

<Module Name>_On:
<Relative Path for On Command>_Off:
<Relative Path for Off Command>_State:<Item Name>,
<value><Item Name>,<value>

Notes to Developers

The minimal structure of one Home Dynamic Module is as follow:
1. <ip address>:<port>/info
2. <ip address>:<port>/on
3. <ip address>:<port>/off
The return value of the following command have to be at least with these information:
1. <Module Name>_On:<Relative Path for On Command>_Off:
<Relative Path for Off Command>
2. true
3. true
In the condition that the relative path contain "/" or "\", replace the symbol with "|".