ezPiC IoT-Part

ezPiC
/ezPiC.py
→ init

Timer
/dev/Timer.
init →

Cmd
{ }
/dev/Cmd.py
init →
direct Call →

load Plugins

cmdSnA
cmdGateway
cmdRule
cmdXXX
/dev/plugins/cmd/cmdXXX.py

TelnetServer
/dev/TelnerServer.py
Telnet Port 2101 →

???

load Plugins

SnA
{ }
/dev/SnA.py
init →

Gateway
{ }
/dev/Gateway.py
init →

Rule
{ }
/dev/Rule.py
init →

load Plugins

snaXXX
{ }
/dev/plugins/sna/snaXXX.py
Instances

gtwXXX
{ }
/dev/plugins/gtw/gtwXXX.py
Instances

rulXXX
{ }
/dev/plugins/rul/rulXXX.py
Instances

external Libs
GPIO...

external Libs
MQTT...

Reading
/dev/Reading.py
init →
{ }

SysConfig
/dev/SysConfig.py
init →
{ }

Legend

- **Mutex**
- **Instance of active XXX**
- ??? **Tread**
- { } **Storage**

ezPiC Web-Server--Part

Web Part | IoT Part

ezPiC
/ezPiC.py

init

load Plugins

init

Web
/web/Web.py

webXXX
/web/plugins/web/webXXX.py

{ }

register Route

call Page-Handler

HTTP
Port 80

MicroWebS.
/web/MicroWebSrv/microWeb*

MicroWebT.
/web/MicroWebSrv/microWeb*

init

TelnetClient
/web/TelnetClient.py

Telnet
Port 2101

Cmd

Cmd

execute Command

SnA-Pages
Gateway-Pages
Rule-Pages

HTML CSS JS

HTML

/web/www/...

/web/www/snas/...
/web/www/gateways/...
/web/www/rules/...

Device

IoT Part

HTTP, MQTT

Admin PC

Terminal

>_

Telnet Port 2101

Device

IoT Part

Admin PC

Browser

HTML

HTTP Port 80

Device

Web Part

IoT Part

Admin PC

Browser

HTML

Web Part

Telnet Port 2101

Device

IoT Part

Admin PC

Browser

HTML

HTTP Port 80

Web Part

Telnet Port 2101

Device

IoT Part