

# Trikarenos Radiation Testing Setup

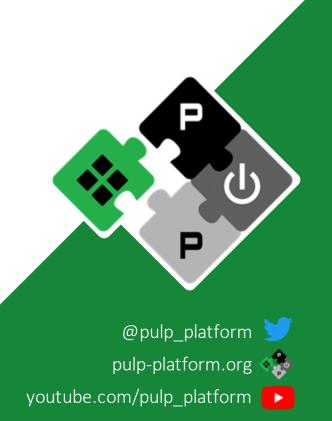
Integrated Systems Laboratory (ETH Zürich)

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### **PULP Platform**

Open Source Hardware, the way it should be!



## Monitoring Software



### Server

- Logging
- Heartbeat



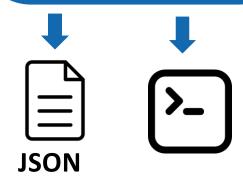
### Client (RPI)

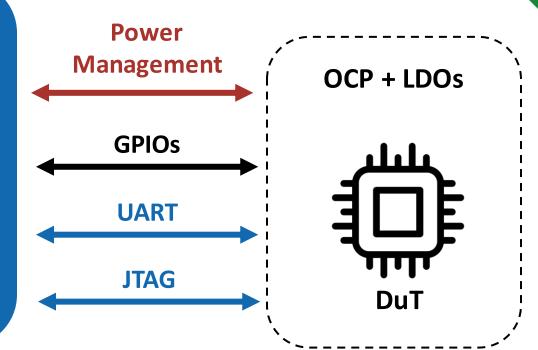
#### **Control**

- OCP / LDOs
- Reset
- Flash

### Logging

- UART / JTAG
- Power
- Events (GPIOs)









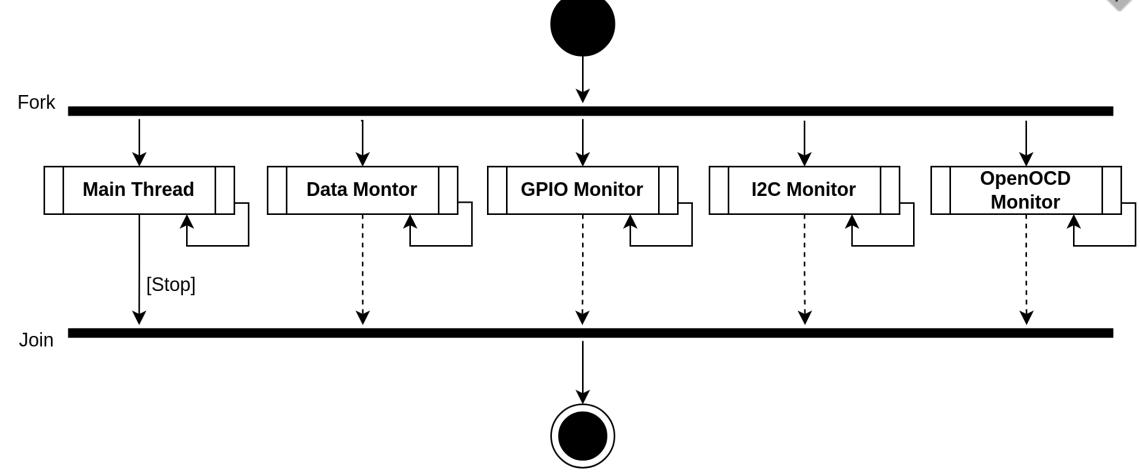






# **Testing Software - Client**

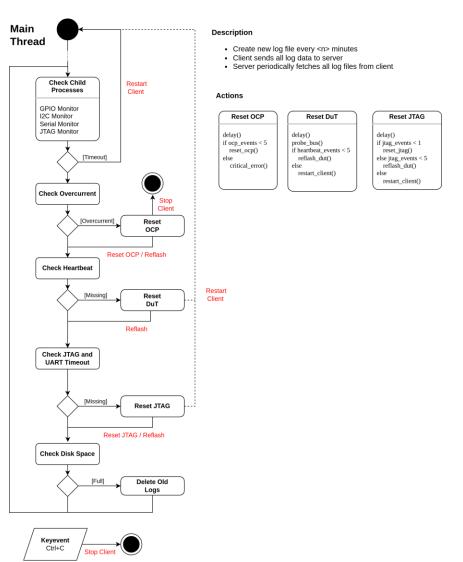


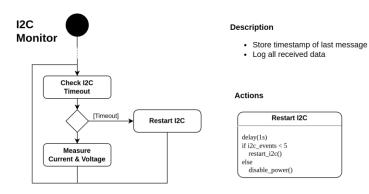


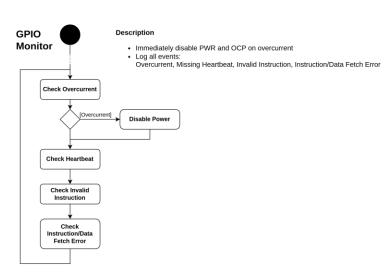


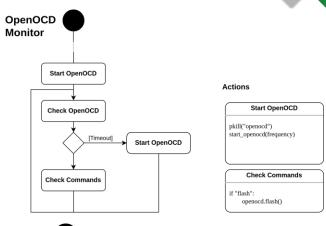
# **Testing Software - Client**

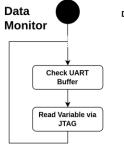












#### Description

- · Store timestamp of last message and set timouts
- Log all received data



