Sysrepo

NETCONF/YANG for any Unix/Linux application

Sysrepo Architecture

NETCONF Client ←NETCONF→ NETOPEER2 NETCONF Server

SSH/TLS

GPB

UDS

Data Files

YANG

File system

Sysrepo Engine

GPB

UDS

Application

SYSREPO Client library

SYSREPO Client library
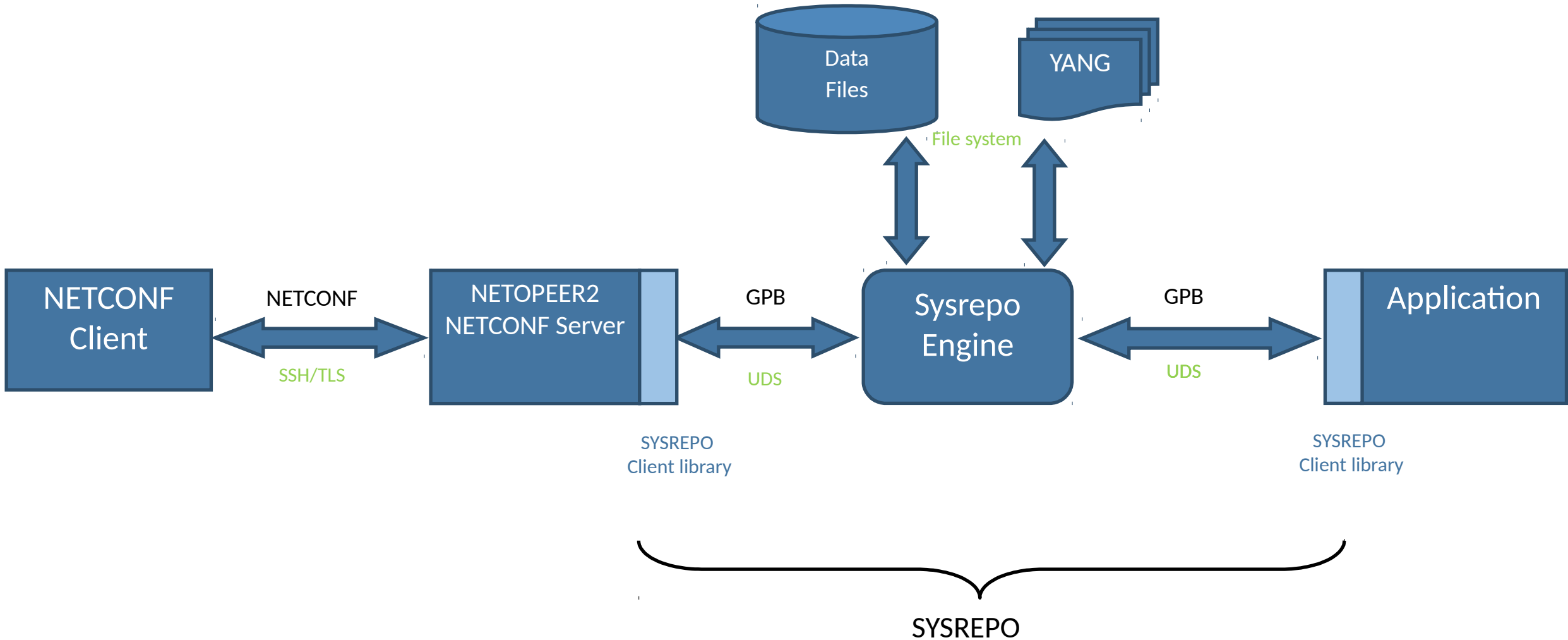
SYSREPO

Hackathon Achievements

- ISC Kea DHCP plugin for Sysrepo

  Ability to manage some part of Kea configuration via NETCONF

- Raspberry PI NETCONF management

  Ability to manage a relay switch and a temperature sensor connected to the PI

- ietf-system YANG model plugin for Sysrepo

  Ability to manage hostname, read date & time, platform details, reboot & shutdown using RPC

- Feedback from other teams

Raspberry Pi Demo