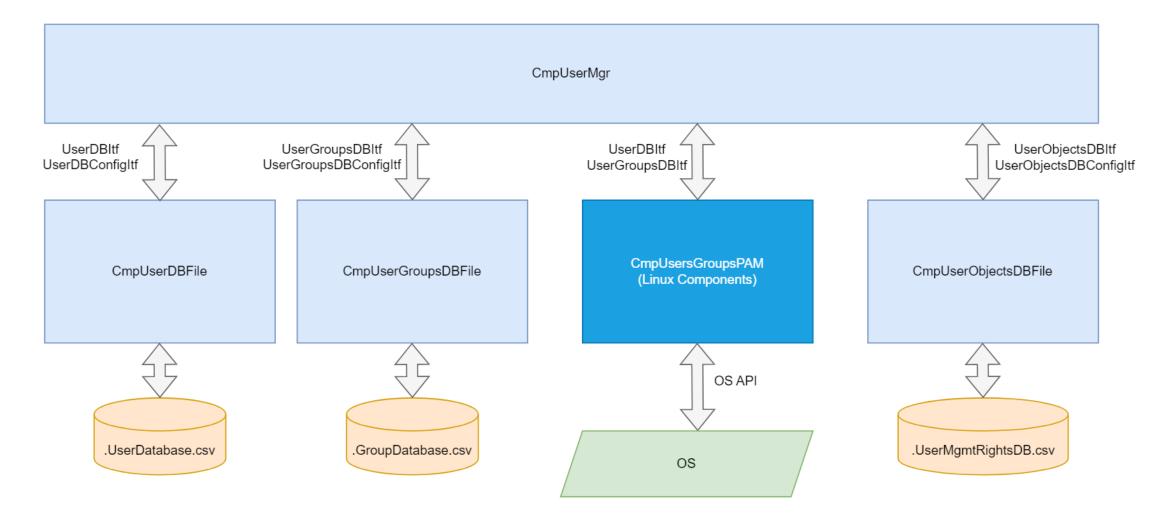


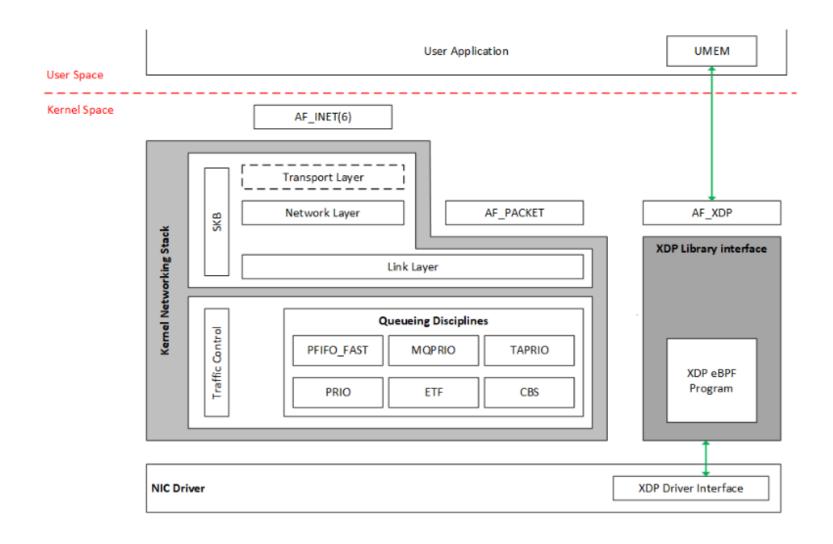
Improvements

- SysTimeRTC: new interface to retrieve time zone information
- File transfer: performance improvement of file transfer on download
 - Update on SP20 necessary
- CmpLog: set filter by PLC shell command
 - Can be used to manage these log filters online
 - " "logsetfilter [<CmpName>...] <FilterValue>"
 - " "loggetfilter [<CmpName>...]"
- OpenSSL update from 1.1.1 to 3.1.4
 - 1.0.x: EOL, no device user management support
 - 1.1.1: EOL
 - 3.x: best choice

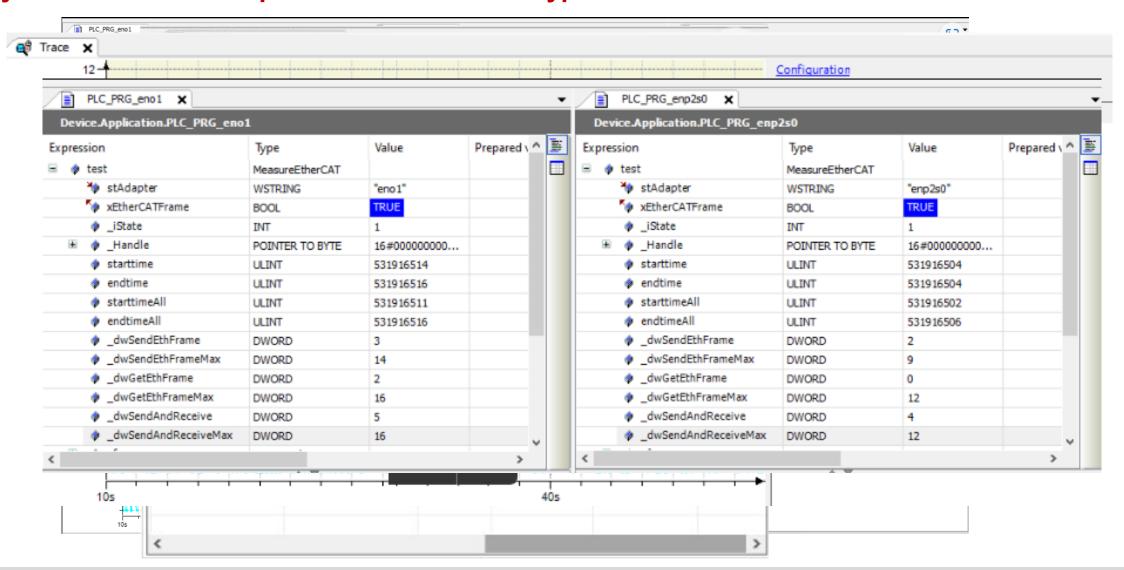
User management connected to PAM



SysEthernetLinux: eXpress Data Path Prototype



SysEthernetLinux: eXpress Data Path Prototype



CODESYS Runtime Toolkit

Independent Release: Concept

- Runtime system defines its own release cycle
- Bug and security fixes on latest version only
- High quality through many automated tests
- Release every 2-3 months

Independent Release: Milestones

- Pre-project in 2023
- Milestone 1
 - New source structure in Git
 - CODESYS add-on for runtime related libraries
 - CODESYS add-on for runtime system
- Milestone 2
 - Development with feature branches
- Milestone 3
 - Release of V4.0.0.0 in parallel with CODESYS V3.5 SP21

