knobCommonApp

Defines Controller data structures and message protocols between Controller-User and Controller-Knob. Also has some basic UDP/ TCP networking routines for use by other Apps.

knobCtrlApp

Controller software. Handles communication with boxes. Supports requests from Users.

knobCtrlClntCommUdp

Knob Controller-centric callbacks for communication with Knob Users via UDP.

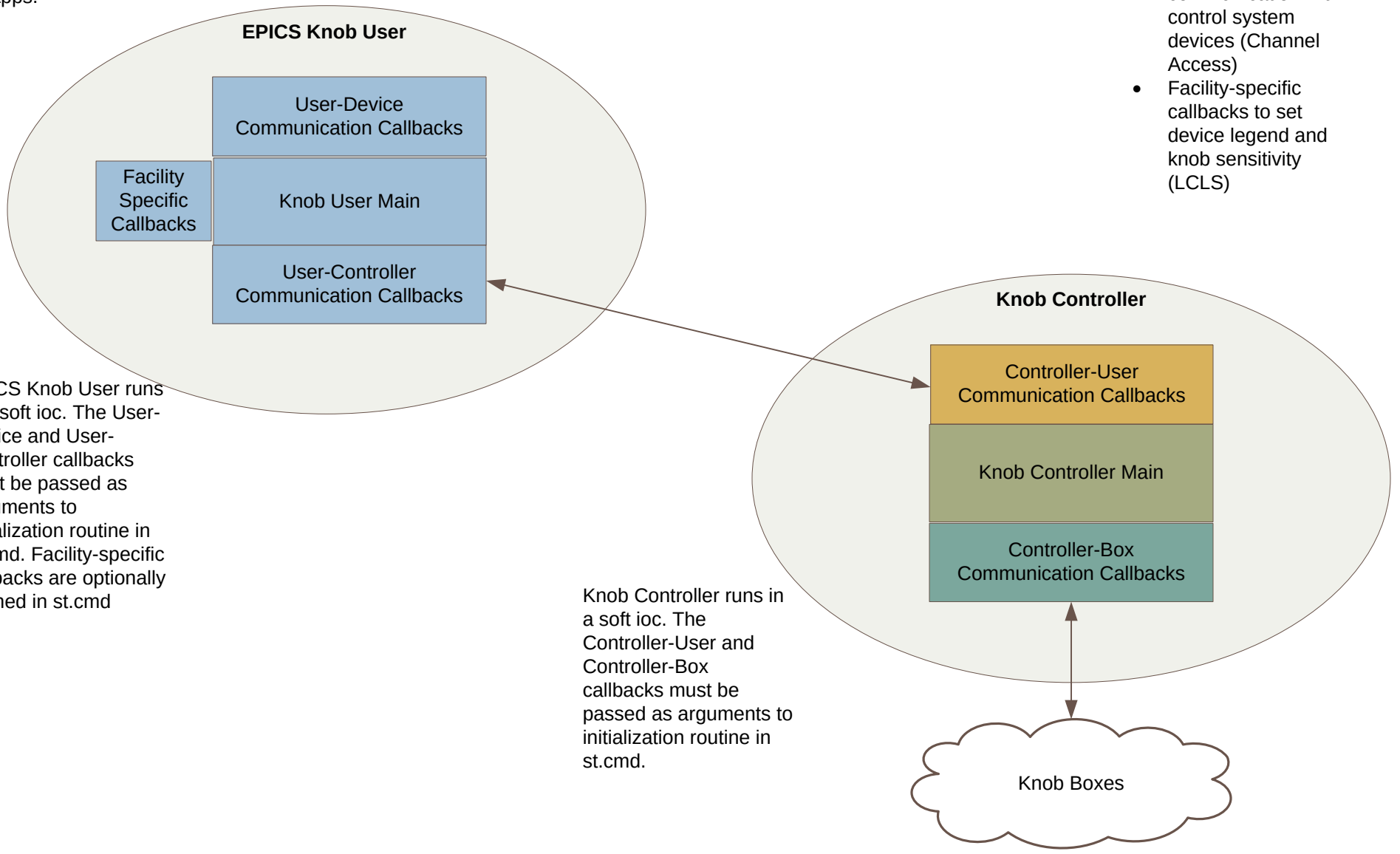
knobCtrlCommTcp

Knob Controller-centric callbacks for communicating with Knob Boxes via TCP

knobUserEpicsApp

EPICS Knob User software. Main user processing software, plus

- Callbacks for communication with controller (UDP)
- Callbacks for communication with control system devices (Channel Access)
- Facility-specific callbacks to set device legend and knob sensitivity (LCLS)



EPICS Knob User runs in a soft ioc. The User-Device and User-Controller callbacks must be passed as arguments to initialization routine in st.cmd. Facility-specific callbacks are optionally defined in st.cmd

Knob Controller runs in a soft ioc. The Controller-User and Controller-Box callbacks must be passed as arguments to initialization routine in st.cmd.