RCE Core Software

The RCE core software is a set of libraries and executables preinstalled on all RCE SD cards.

This software consists of kernels, bootloaders, drivers, and utilities and includes:

boot.bin - RCE bootloader

uImage - Linux kernel (Xilinx distribution)

devicetree.dtb - Linux kernel device tree specification

fmd - Network switch driver (DTM)

rced - RCE daemon which enables atca_* and dsl_* SDK commands

atca_* - atca dump commands

dsl_* - dsl reboot, update, and identification commands

sysinfo - system information print command

repair_vfat - DOS FAT partition repair

reboot_rce - RCE reboot command

bsi_dump - Prints network bootstrap info encoded in firmware (DTM)

systemctl service files - controls services to load at startup

Arch Linux pacman packages - various bundled utilities

The current version of the core software is contained in each release of the RCE SDK.