

Release Notes

CCNlib API Library

CCPUcclb v2.1.8, CCPUsrvr v2.1.1, and CCPUclnt v2.1.5

Release Date: 2003 December 10

Features Added

- Added the new API `ccnxSetHscSlotResetToggle()` that allows an application program to send a "pulsed" reset to any CPCI slot. This results in the NetCCN asserting the reset signal to the specified slots and then automatically deasserting the reset signal after approximately 0.5 seconds without a subsequent API call. This allows an application program to reset the CPU it is running on and automatically come out of reset.
- Added the new API `ccnxClrResetState()` which allows an application program to clear the BV_RESETTED byte variable register in the CCN and NetCCN. The BV_RESETTED register contains flags indicating if the CCN has been reset or restarted. The `ccnxClrResetState()` is the complementary API to `ccnxSetResetState()`.

Fixed Issues

- Updated the CCPUcclb `sn_ccnx.h` header file to include the 3+14 (3p14) system configuration type.
- Ensured that the CCPUcclb package is built with the latest documentation files included.

Other Issues

- Updated all files in CCPUcclb, CCPUsrvr, and CCPUclnt to use `gethrtime()` instead of `time(0)` to avoid possible problems when the CPU system time is adjusted or changed.