

CcspMisc

CcspMisc combines many utilities.

Below are the utilities available in CcspMisc repository.

Utility	Description
psmcli	<p>This CLI tool is used to get or set PSM database values. It is mostly used in scripts to query the PSM database values during boot up.</p> <p>PSM CLI operation information captured here PSM CLI Operations.</p>
LTime	<p>LTime is used to show Local time of the device. The local time is calculated based on the offset received (Device.Time.TimeOffset) from CMTS.</p> <p><i>LTime</i> when used with option <i>H</i> and <i>M</i> shows the hour and minute of the local time respectively.</p>
NotifyLease	<p>This is used in devices with multi-processor architecture. NotifyLease is used to sync the lease file(/nvram/dnsmasq.leases) information on the ATOM side. Only mesh enabled devices will have notify_lease process running.</p>
print_uptime	<p>It is used to log message with uptime in seconds. This is used to log the boot time information in RDK-B.</p>
TimeConv	<p>This is library used by CcspPandMSsp component for parental control when UTC_ENABLE feature is enabled. Since GUI shows time in UTC, we use this to split days. It is used to convert the rules entered in UTC time to Local Time.</p>
Memory usage and Fragmentation selfheal	<ul style="list-style-type: none">- TestAndDiagnostics component has two parameters memory threshold fragmentation threshold- If these parameters are 0, then selfheal is disabled. If any of these parameters is non zero, then selfheal is enabled.- Then the device should reboot with reboot reason as low memory.- This tool is used to calculate the total fragmented memory in percentage.
Set LED	<p>This tool is needed to set the LED behavior(LED color, LED state, LED Interval)</p>
Parcon	<p>This utility is to block the devices using its mac address.</p>