**Log Correlator**

This Apps used to check the devices are up and running or not based on alert message came from Orion.

**How to Run?**

1. **Log Correlator**

It retrieves data from syslog table and check messages which are came from Orion server and process only those messages.

It does pingtest at both end of devices if ping fail then it adds InternalCircuit ID and SLAState in CoreCircuitState table.

**To start Log Correlator**

**Command: logcorrelator**

Purpose: To start Log Correlator process as background

First it checks logcorrelator process already started or not .If logcorrelator process already started then display “Log Correlator process already started” message.

**To kill Log Correlator**

**Command: logcorrelator kill**

Purpose: To kill LogCorrelator process.

First it checks logcorrelator process running or not. If running, then it kills otherwise it display “LogCorrelator process not yet started” message.

1. **Send Mail**

It retrieves data from corecircuitstates table and checks GOCFlag set as “NO” or not. If NO, then it gets details about that internalCircuitID and checks pingtest on from both ends. If ping fail, then it sends mail to intended users.

**To start Send Mail**

**Command: sendmail**

Purpose: To start sendmail Process as background

First it checks sendmail process already started or not. if sendmail process already started then display “sendmail process already started” message.

**To kill send Mail**

**Command: sendmail kill**

Purpose: To kill sendmail process.

First it checks sendmail process running or not. If running, then it kills otherwise it display “sendmail process not yet started” message.

1. **To show/add/update/delete CoreCircuitDetails**

To perform various operation on CoreCircuitDetails table.

**Command: show circuit details**

Purpose: It asks user to select which operation to be performed (add/update/show/delete) on CoreCircuitDetails table. Once user select the operation from list then it calls respective methods to do that operations.

1. **To show/delete CoreCircuitStates**

To perform various operation on CoreCircuitStates table.

**Command: show circuit state**

Purpose: it asks user to select which operation to be performed(delete/show) on CoreCircuitStates table.

1. **Email Acknowledge**

It reads the operator mail and checks acknowledge string is present in body message or not. If string “Acknowledge “present, then reads the subject and delete InternalCIrcuitIDs details from CoreCircuitStates table.

**To start Email Acknowledge process**

**Command: emailAck**

Purpose: To start Email Acknowledge Process as background

First it checks Email Acknowledge process already started or not. if Email Acknowledge process already started then display “Email Acknowledge process already started” message.

**To kill Email Acknowledge**

**Command: emailAck kill**

Purpose: To kill Email Acknowledge process.

First it checks Email Acknowledge process running or not. If running, then it kills otherwise it display “Email Acknowledge process not yet started” message.