CosmoS

Cosmos-B

SYSTEM LIBS

*Cosmos-B is a managed code operation system designed to run on the Cosmos kit. This document describes the Device Driver Model. .*

SYTEM LIBS

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# 0.Overview

Main lib contains interfaces ,data structures and wrappers for system calls. It is broken into 2 Corelib and KernelLib. Kernellib is used for trusted processes CoreLib is sued for all processes. Each lib is defined into an abstract lib ( abstract base classes and interfaces ) and a normal lib. This will allow working code to be replaced and new interfaces placed in a new file .

# CORELIB

IPC

IPC.Messages

IPC.Messages.Scheduler

IPC.Queues

Logging

MetaData

MetaData.Configuration

Corelib contains primarily interfaces

Capabilites

# KERNELLIB

References CoreLib

IPC

IPC.RPC

IPC.Messages.MM

Key System Libs

MM Lib

Scheduler Lib ( note low level scheduling functions)

IPC Lib

Process GC