Alert Manager

Purpose:

Alert

Purpose: An alert is a condition that can be monitored for and and action that can be performed if the condition is met. An example is 90% page space utilization (condition) and an email being sent to an administrator (action).

Properties:
int ConditionType
String actionCommand

Methods:
executeAction()
setCondition()

CPU Manager

Purpose:

CPU

Purpose: Represents a CPU within the zServer

Properties:
String cpuID
String owner

Methods:
CPU(String myID)
void attachToUser()
void detachFromUser()
String getCPUID()
String setCPUID()

zVM_CLI_Controller

Purpose: Provides an interface that allows for execution of z/VM commands and retrieval of output due to the execution of commands.

Properties:
TelnetController myTelnetController
String username
String password
String by

Methods:
zVM_CLI_Controller(String host)
zVM_CLI_Controller(String host, int myPort)
void login(String myUname, String myPassword)
void login(String myUname, String myPassword, String myBy)
void logout()
void sendCommand(String command)
String getOutput()

TelnetController

Purpose: Establish a telnet connection with a host and negotiate a very SIMPLE xterm terminal connection.

Properties:
String hostname
int port

Methods:
TelnetController(String host, int myPort)
sendData(byte[] data)
byte[] getData()
void connect()
void disconnect()

SMapi_Controller

Purpose: Establish an RPC SMAPI connection with a z/VM host and execute Systems management API commands.

Properties:
String hostname
int port
String programNumber
String programVersion
String username
String password

Methods:
RPC_Controller(String host, int myPort, String progNum,
String vNum, String myUname, String myPasswd)
void connect()
void disconnect()
void createGuest(…)
void deleteGuest(…)
void getGuestsDirectoryEntry(…)

Job (abstract)

Purpose: Represents a task to be completed that can be queued in the JobQueue.

Properties:
boolean scheduledJob
Date executeStart

Methods:
executeJob() (abstract)

DASDCopyJob (extends Job)

Purpose: Queue-able job to copy a DASD pack/minidisk to another pack/minidisk of the exact same type and size.

Properties:

Methods:

FormatJob

Purpose:

Properties:

Methods: