

## **GUI**

This module is responsible for building, editing and updating the User Interface.

Operations like

- Adding a VM
- Deleting a VM
- Switching on a PM
- Switching off a PM
- Consolidation
- Calling Parser

will be performed from this module

## **Uses**

### **Parser**

#### **Interface**

Load(filename)

### **Intra PM**

#### **Interface**

deleteVM(VM\_ID)

addVM(VM\_ID, capacity)

### **Inter PM**

#### **Interface**

switchOffPM(PM\_NO)

consolidate

### **Parser**

This module reads the user input from file and initializes PM's and VM's as specified in it.

## **Uses**

### **IntraPM**

## Interface

createPM(PM\_NO)  
addVM(VM\_ID,capacity)

## Intra PM

This module performs operations that of concern to **individual** PM's.

Operations performed by this module are

- Adding a VM
- Deleting a VM
- Creating a PM
- Switching on a PM

## Uses

## GUI

## Interfaces

showPM(PM\_NO)  
showVM(VM\_ID)  
updateGUI(cap)

## Inter PM

This module takes care of operations that involve taking decisions concern **more than one** PM. The operations performed by this module are

- switching off a PM
- consolidate

## uses

## Intra PM

deleteVM(VM\_ID)  
addVM(VM\_ID,capacity)