Calculator Manager

User Interface:

   add <name>
   remove <name>
   set_current <name>
   storage
   errors
   clear_errors
   clear_memory
   clear <name>
   reset_manager
   verify
   dump
   return
   order <expression> | <assignment> | <equation>

The calculator maintains a list of calculators, each having a name unique to the calculator list.

Facilites Offered:

add <name> - add new calculator with name unique to calculator list
remove <name> - remove calculator with name from list

set_current - direct all activity in Calculator Manager towards calculator <name>.
storage - display the constant list, variable list and equation list stored in current calculator
errors - display the error buffer of the current calculator

clear_errors - clear the error buffer of the current calculator
clear_memory - clear all variable/equation memories in current calculator
clear <name> - clear variable/equation <name> in current calculator
reset_manager - revert back to empty calculator list

verify - checks for circular definitions within equations stored in current calculator
dump - display storage information for all calculators
return : drop out of the Calculator Manager UI

<equation> | <definition> - If a command name is not given, the input is assumed to be a command for the current calculator. The command is executed by the current calculator and the complex result displayed on screen.

All UI commands are publicly accessible member functions of the Calculator Manager