# GUI_ExitHRE – Exit from HRE

**Revision History**

| | | |
|---|---|---|
| 2017-06-21 | Robin Lamacraft | Initial draft |
| 2018-05-12 | Rod Thompson | Replace graphic |
| 2018-06-07 | Rod Thompson | Replace graphic<br>Revise Actions, Add Event Actions<br>Add Windows Interaction Map & Process Flow Chart<br>Add Warning Message |
| 2018-06-09 | Don Ferguson | Minor edits |
| 2018-06-25<br>2018-06-26 | Rod Thompson | Amend SCOPE<br>Add text version of Warning Message<br>Revise Required SERVICES – Dependencies<br>Addition to icon actions – 'X' close |
| 2018-10-27 | Rod Thompson | REQUIRED SERVICES – Remove 03.68<br>WARNING CONDITIONS – Add Display location<br>Add LOGGING |
| 2018-11-12 | Rod Thompson | Replace graphic (remove window size control)<br>Replace Window Interaction Map<br>Replace Process Flow Chart<br>Revise SCOPE |

## SCOPE

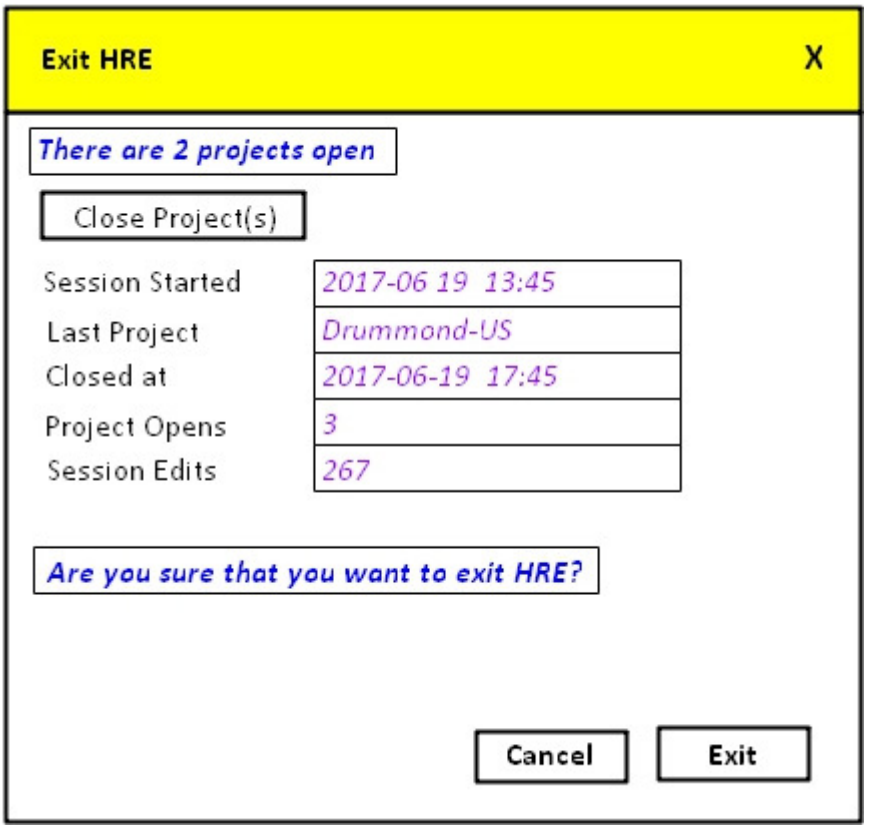
This GUI module may be called in the following ways:

- via the Close and Exit item of the Project menu (GUI_UserInterface)
- through the Project Close module
- from the Main menu, Exit selection

It causes the shut down and exit completely from HRE.

### LOOK AND FEEL

Display a dialog box confirming the user's request to shutdown HRE.



ExitHRE Window - Mockup

**ACTIONS**

The fundamental operations are:

1. Open the window according to its saved Layout (BR_WindowConfig)
2. Display current Project data
3. Allow user selections
4. If the response is 'Close Project(s)', execute the GUI_ProjectClose module
5. If response is 'Cancel', close the dialog box and return to GUI_UserInterface
6. If the response is 'Exit', close the HRE Client.

**USED BY**

All HRE users.

**DATA CONTROLLED BY THIS MODULE**

1. None.

**REQUIRED DATA CONTROLLED BY OTHER MODULES**

1. None.

**REQUIRED SERVICES – Dependencies**

| First-Order Dependencies | Second-Order Dependencies | Higher-Order Dependencies |
|---|---|---|
| 04.07 GUI_ProjectClose | 04.05 GUI_ProjectBackup | 03.66 GUI - MessagePatterns |
| | | 07.17 BR_WindowConfig |
| | | 07.21 BR_Project |
| | 04.14 GUI_ProjectSummary | 07.17 BR_WindowConfig |
| | | 07.21 BR_Project |
| | | 07.16 BR_MessagePatterns |

| First-Order Dependencies | Second-Order Dependencies | Higher-Order Dependencies |
|---|---|---|
| | 07.16 BR_MessagePatterns | 07.16 BR_MessagePatterns |
| | 07.16 BR_MessagePatterns | 07.16 BR_MessagePatterns |
| | 07.17 BR_WindowConfig | See below |
| | 07.21 BR_Project | See below |
| 07.21 BR_Project | 07.06 BR_GuiElement | 07.01 BR_EncodedString |
| | | 07.02 BR_EntityLink |
| | | BR_FieldTranslation |
| | | 07.16 BR_MessagePattern |
| | 07.02 BR_EntityLink | Needed |
| | 07.29 BR_Translation | 07.02 BR_EntityLink |
| | | BR_Field |
| | | 07.06 BR_GuiElement |
| | | 07.16 BR_MessagePattern |
| | BR_FieldTranslation | |
| 07.17 BR_WindowConfig | 07.06 BR_GuiElement | See above |
| | 07.02 BR_EntityLink | Needed |
| | 07.29 BR_Translation | See above |
| | BR_FieldTranslation | |
| | 07.16 BR_MessagePatterns | 07.02 BR_EntityLink |
| | | 07.01 BR_EncodedString |
| | | 07.11 BR_Logging |
| | | Call Stack |
| | | 07.24 BR_Setting |
| | | GUI Translation |

## APPLICATION PROGRAMMING INTERFACE (API)

1. Single call, no parameters.

## LOGGING

Use of this module will create log entries.

Commit Logging – NIL
General Log - ExitHRE

## EVENT ACTIONS

1) Keyboard actions
   NIL
2) Mouse actions
   Left key
   a. Mouse key click on each button, operates the button
   b. Mouse key click on icons (detailed below)
   Right key
   To be determined
3) Icon actions
   a. left mouse key click on icons in the Window Control group:
      a. 'X' icon
         (closes the window)
         NOTE: Same action as in use of the 'Cancel' button

b. ‘Box’ icon
Toggles the window size between full screen, and the preset window size
c. ‘Dash’ icon
Minimizes the window, to an icon on the screen toolbar.
A click on the toolbar icon restores the display to its previous setting

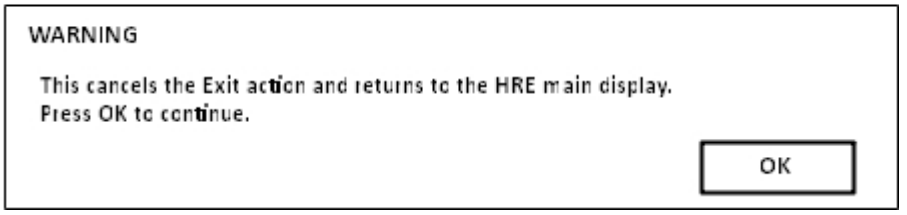
4) Keyboard shortcuts
To be determined

## WARNING CONDITIONS

Display Location: centred on the GUI_ExitHRE window

1. When the ‘Cancel’ button is used, then a warning message is displayed.
Warning Message (WM-HE1)

**Warning Message Window-1**

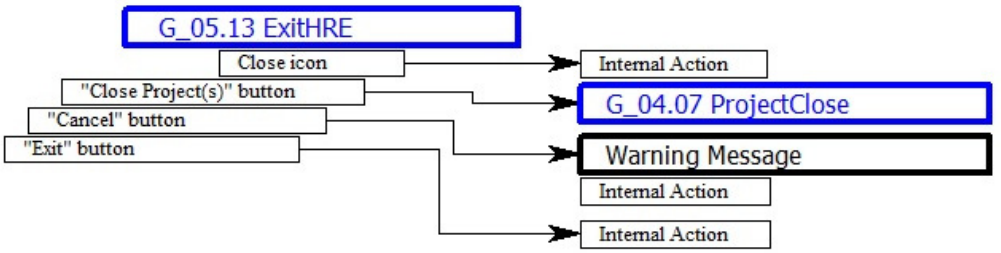
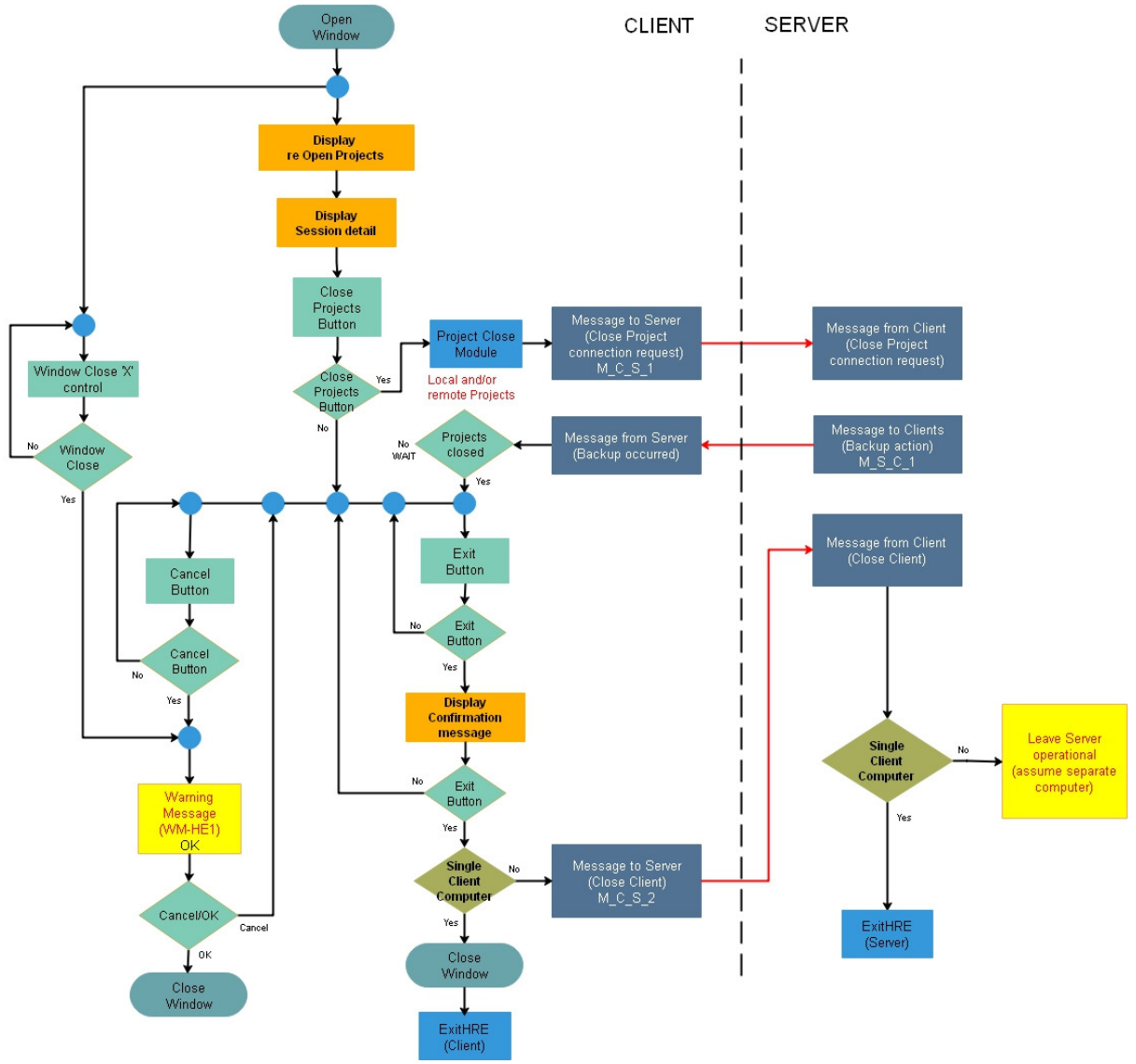



Text Version
WARNING
This cancels the Exit action and returns to the HRE main display.
Press OK to continue.

## ERROR CONDITIONS

1. Need to record the condition that raised the error, example message and possible next steps.

## WINDOW INTERACTION MAP



## PROCESS FLOW CHART