Revision history

2017-04-17	Robin Lamacraft	Original draft
2018-05-26	Rod Thompson	Add diagram, actions
2018-06-12	Rod Thompson	Replace GUI_PanelConfigEdit with GUI_Select Configuration Replace BR_PanelConfig with BR_WindowConfig
2018-06-21	Rod Thompson	Replace Graphic Revise REQUIRED SERVICES – Dependencies Add PROCESS FLOW CHART

SCOPE

This GUI module displays the text of a short form help for the window calling the 'Help'. It also will provide web links to expanded content that can be displayed in a web browser.

LOOK AND FEEL
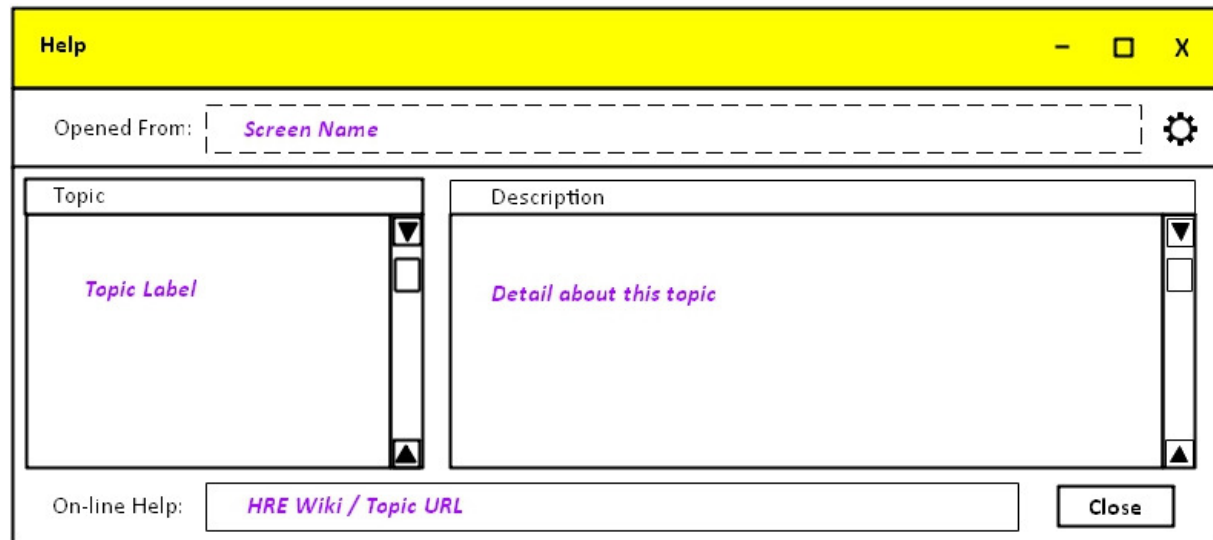
 GUI Help Window - Mockup

The Help window has 4 sections:
- Heading section with:
    - The text field that shows the name of the window from which it was opened
    - A "Configure" icon to select, edit and save a layout for this window
- Topic Selection section on the left is a scrollable, resizable list. This list shows the topics that are relevant to the window from which Help was opened. Clicking on a topic causes the Topic Description area to be populated with the relevant content. Also the On-line Help URL field is populated with the URL for that topic within the HRE On-line Help Wiki
- Topic Description section on the right is scrollable, with a vertical moveable divider from the resizable Topic Detail section. In this Topic Description space the description of the currently selected topic is displayed
- On-Line Help section below has a field that is populated with the current topic's URL on the HRE Wiki website. Clicking on that field will open a browser and view that topic on-line.

ACTIONS

The fundamental operations are:

1. Open the Help window according to its saved Panel Layout (BR_WindowConfig)
2. Populate the display with list of topics for that window
3. Perform content updates according to topic selection.

DATA CONTROLLED BY THIS MODULE

None.

REQUIRED DATA CONTROLLED BY OTHER MODULES

HRE_ID.

REQUIRED SERVICES – Dependencies

First-Order Dependencies	Second-Order Dependencies	Higher-Order Dependencies
03.68 GUI_Select Configuration		
07.24 BR_Setting	BR_AppData	
	BR_UserData	
	07.02 BR_EntityLink	NIL
07.17 BR_WindowConfig	07.06 BR_GuiElement	07.01 BR_EncodedString
		07.02 BR_EntityLink
		BR_FieldTranslation
		07.16 BR_MessagePatterns
	07.02 BR_EntityLink	NIL
	07.29 BR_Translation	07.02 BR_EntityLink
		BR_Field
		07.06 BR_GuiElement
		07.16 BR_MessagePatterns
	BR_FieldTranslation	
	07.16 BR_MessagePatterns	07.02 BR_EntityLink
		07.01 BR_EncodedString
		Call Stack
		07.24 BR_Setting
		GUI_Translation
07.07 BR_Help	07.29 BR_Translation	07.02 BR_EntityLink
		BR_Field
		07.06 BR_GuiElement
		07.16 BR_MessagePatterns
	07.21 BR_Project	07.06 BR_GuiElement
		07.02 BR_EntityLink
		07.29 BR_Translation
		BR_FieldDefinition
	07.01 BR_EncodedString	NIL
	07.24 BR_Setting	BR_AppData
		BR_UserData
		07.02 BR_EntityLink
	BR_FieldTranslation	
	07.26 BR_Substitution	07.02 BR_EntityLink
		07.29 BR_Translation
	07.12 BR_Menu	NIL
	07.25 BR_Schema	07.02 BR_EntityLink
		BR_UserTranslation
		BR_FieldTranslation

	07.16 BR_MessagePatterns	07.02 BR_EntityLink
		07.01 BR_EncodedString
		Call Stack
		07.24 BR_Setting
		GUI_Translation
07.02 BR_EntityLink	NIL	

APPLICATION PROGRAMMING INTERFACE (API)

1. Need Details.

EVENT ACTIONS

1) Keyboard actions
   Not applicable
2) Mouse actions
   <u>Left key</u>
   a. Mouse hover over the slider bar, hold key down and drag slider bar up or down
   b. Mouse key tap in slider bar box causes up and down movement
   c. Click on an item in the Topic Selection panel selects that item
   d. Click on the On-line field URL opens a web browser to the HRE Wiki website, viewing the selected topic
   e. Click on the 'Close' button, operates the button, closing the window
   f. Click on icons (detailed below)
   <u>Right key</u>
   To be determined
3) Icon actions
   a. left mouse key click on icons in the Window Control group:
      a. 'X' icon
         (closes the window)
      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
   b. left mouse key click on the 'Configuration' icon
      (opens the Configuration Window for this Project Open window)
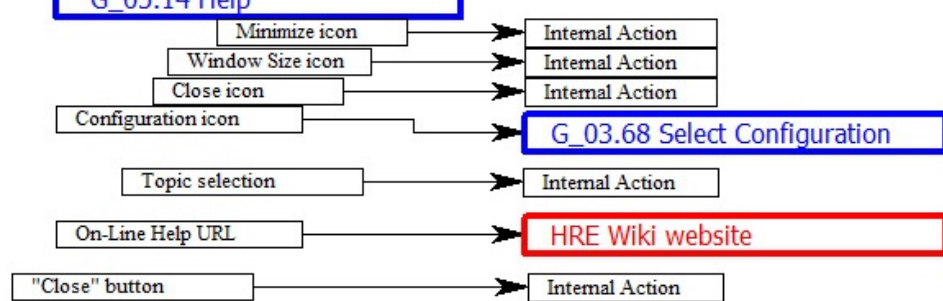4) Keyboard shortcuts
   To be determined

WARNING CONDITIONS

1. Need Details.

ERROR CONDITIONS

1. Need Details.

WINDOW INTERACTION MAP

G_03.14 Help

Minimize icon	Internal Action
Window Size icon	Internal Action
Close icon	Internal Action
Configuration icon	G_03.68 Select Configuration
Topic selection	Internal Action
On-Line Help URL	HRE Wiki website
"Close" button	Internal Action

PROCESS FLOW CHART

```
        Open
       Window
          |
          v
 +-------------------+
 |     Display       |
 | calling window    |
 |      name         |
 +-------------------+
          |
          v
 +-------------------+
 |     Display       |    Mouse click selection
 | Topic Selection   |
 +-------------------+
          |
          v
 +-------------------+
 |     Display       |    Mouse click selection
 | Topic Desciption  |
 +-------------------+
          |
          v
 +-------------------+
 |     Display       |    Mouse click selection
 |   Wiki link       |
 +-------------------+
          |
          v
         (o)<----------------+
          |                  |
          v                  |
 +-------------------+       |
 |     Close         |       |
 |    Button         |       |
 +-------------------+       |
          |                  |
          v                  |
       /  Close  \    No     |
      <  Button    >---------+
       \        /
          |
         Yes
          |
          v
        Close
       Window
```