

GUI_ProjectOpen – Open a Project

Revision history

2017-06-21	Robin Lamacraft	Original draft
2018-05-27	Rod Thompson	Inserted diagrams, actions

SCOPE

This GUI module is called from the Main Menu (GUI_Interface), or from GUI_ProjectNew to open an HRE project for use.

LOOK AND FEEL

The screen has several parts:

- A top panel with the window name, and window size control icons
- The upper right icon buttons provide the following universal features:
 - The 'Output' icon enables Output of the Recent Projects list by sending the contents of the Recent Projects tabular display to a file or to a printer.
 - The 'Reminder' icon displays the Reminder content for this screen
 - The 'Configuration' icon enables the user to create and retrieve Configurations of this screen's layout
 - The Help icon displays context Help about the use of this screen
- The "Server" selection list allows selection from various servers known to this installation of HRE. On selection of a Server, the "Login" button allows the user to access that server (if the user is already logged into that server the "Login" button will be hidden). NOTE: If this is an isolated usage of HRE where project files are only used from the same computer then the server aspects of this GUI will not show any server-related elements. There can be a one user environment. If a second computer is used to access those project files over a local network then the login on either computer must invoke the shared server mode
- A 'Recent Projects' scrollable tabular display area which shows all of the user's recently used projects from the selected server. A project may be selected from the displayed list (this may be empty if no projects have been opened)
- The "Summary" button opens the GUI_ProjectSummary module to display the details of the selected project
- The buttons:
 - "Summary" opens a ProjectSummary window, displaying a summary of the project
 - "Open" performs the project open functions on the selected project
 - "Cancel" exits without action.

Project Open

Server: *This computer* Login *If not logged in*

Project Name	Last Edited
<i>Drummond-UK</i>	<i>2017-06-19</i>
<i>Drummond-US</i>	<i>2012-04-08</i>
<i>Mitchell</i>	<i>2003-10-10</i>

☒ Use server default project folder
☐ Browse for project folder

D:/History/Drummond

Project Name
Drummonds-UK

Summary

Cancel Open

PROJECT OPEN Window - Mockup

ACTIONS

The fundamental operations are:

1. Open the screen according to its saved screen Layout (BR_PanelConfig)
2. HRE has 3 possible installation variants:
 - Isolated mode -where HRE acts as an application entirely within one computer
 - Mixed mode- where HRE has both some project files stored locally and some are stored remotely on a local network server or in some external internet service
 - Remote mode – where no user data is stored on the local computer and all data must be transferred by a wide area network.
3. Accordingly, the GUI_ProjectOpen module has to adapt to each of these modes. Isolated mode requires no login capability, but the other 2 modes require this interface to adapt itself according to the type of request. To achieve this the GUI_ServerLogin module and the BR_ServerServices module have to provide access and the business rules to control these aspects
4. Displays a list of available projects for one storage location
5. Allow the user to select one project to open
6. The Project Summary button allows the user to view in a new window, summary information about the selected Project
7. If a Remote project:
 - Check the status of a remote project to identify whether it is currently unavailable because of backups in progress or other system actions
 - Check status of the selected project to see whether it is already open by other users
 - If already in use, notify all concurrent users of this user joining for update activity. This is to be done using the BR_Notification and GUI_Notification modules.
8. Open the selected project data files

9. Populate the user's HRE instance with default settings, then overlay these with the user's personal settings from this user's last status data from their last use of this project.

USED BY

All HRE users.

DATA CONTROLLED BY THIS MODULE

1. None.

REQUIRED DATA CONTROLLED BY OTHER MODULES

1. None.

REQUIRED SERVICES

1. GUI_ProjectSummary
2. GUI_ServerLogin
3. GUI_Notification
4. BR_PanelConfig
5. BR_File
6. BR_ServerServices
7. BR_Notification
8. BR_Project.

APPLICATION PROGRAMMING INTERFACE (API)

1. Single call, with parameters:
 - a. Has local projects (Boolean)
 - b. Has remote projects (Boolean)
 - c. Recent server ID (HRE_serverID)
 - d. Recent projects list object (HRE_recent project ID)
 - e. Default project storage location(HRE_project storage path ID).

EVENT ACTIONS

- 1) Keyboard actions
NIL

- 2) Mouse actions

Left key

- a. Mouse key click on Server name pulldown expands Server list, and allows selection
- b. Mouse key click on a Project Name, causes the pathname and project name to be shown in the text boxes
- c. Mouse key click on the 'un-checked' radio button, selects that button, and 'de-selects' the other
- d. Mouse key click on each button, operates the button
- e. 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)

- 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 'Output' icon:
(opens the 'Output' window for output to File or Printer)
 - c. left mouse key click on 'Reminder' icon:
(opens 'Reminder' window for this 'Send to Colleague' Message display)
 - d. left mouse key click on the 'Configuration' icon
(opens the Configuration Window for this Project Open window)
 - e. left mouse click on 'Help ' icon:
(opens the Help System, searches for the section on 'Send to Colleague Message')
- 4) Keyboard shortcuts
To be determines

WARNING CONDITIONS

1. Need details of the condition that raised the warning, example message and possible next steps.

ERROR CONDITIONS

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

WINDOW INTERACTION MAP

