

# GUI\_ProjectOpen – Open a Project

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## 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:

- The upper right icon buttons provide the following universal features:
  - “O” enables Output of the Recent Projects list by sending the contents of the Recent Projects tabular display to a file or to a printer.
  - “R” displays the Reminder content for this screen
  - “C” enables the user to create and retrieve Configurations of this screen’s layout
  - “?” 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:
  - “Open” performs the project open functions on the selected project
  - “Cancel” exits without action.

**Project Open**

Server: *This computer* [▼] Login

**Recent Projects** *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

## 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 to open
6. 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.
7. Open the selected project data files
8. 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. Need Details.

## **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.