

GUI_ProjectClose – Close a Project

Revision History

2017-06-20	Robin Lamacraft	Initial creation
2018-06-06	Rod Thompson	Add clarification for meaning of Project Close
2018-06-09	Don Ferguson	Minor edits
2020-02-28	Don Ferguson	Align with actual code (Build 19)
2023-07-15	Don Ferguson	Align with Build 30

SCOPE

This GUI module is called from the Main Menu or from GUI_ExitHRE, to close currently open project(s).

In general, the term ‘Project Close’ is used to mean closure of the connection between the Client and Server for the selected currently open Project. Only when there is ONE User of an open Project, can that Project be ‘closed’.

PROJECT FILESET

A set of files required for normal use of HRE projects consists of:

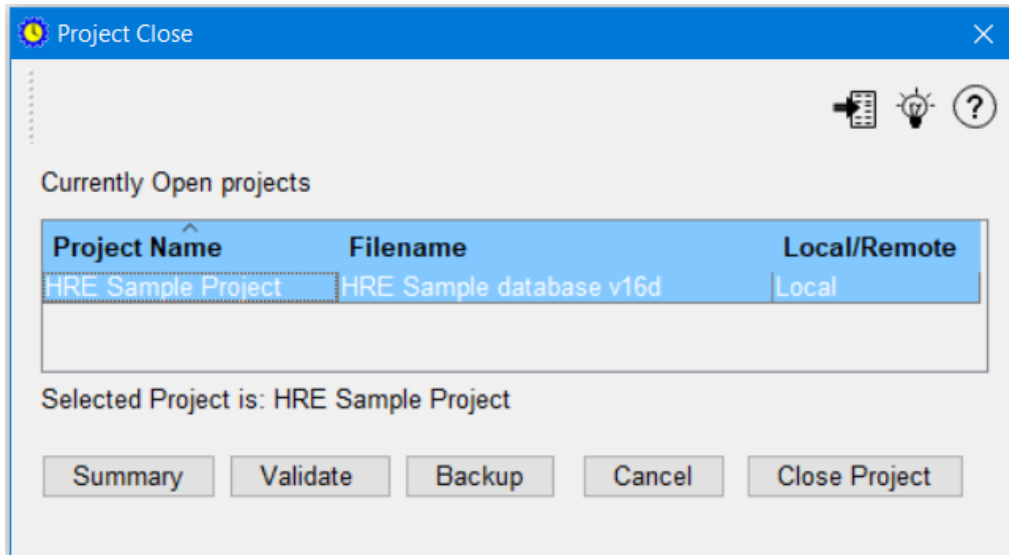
- an H2 database
- A ‘User’ Auxiliary file
- folders of external files (images, etc). [optional].

Refer to *03.32 Overview – Auxiliary (Non Database) Files* for details.

LOOK AND FEEL

The window 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 new project properties list by sending the contents of the Currently Open projects tabular display to a file or to a printer
 - The ‘Help’ icon displays context Help about the use of this window
- A scrollable display area which shows all of the user’s currently open projects, which allows the selection of a Project from the displayed list (this may be empty if no projects are open)
- A “Summary” button which opens the ProjectSummary module to display details of the selected project
- A “Validate” button to initiate that process (when written)
- The control buttons
 - “Backup” causes backup of the selected project, in a single user situation
 - “Close Project” performs the project close functions on the selected project
 - “Cancel” exits without action.



Project Close Window

ACTIONS

The fundamental operations are:

1. Open the window
2. Allow selection of the project to be closed
3. When a project has been selected, the 'Summary' button is activated. This allows the User to view a 'Summary' of the selected Project (refer to GUI_ProjectSummary)
4. Allow a Data Validation process to be run
5. Ask whether to backup the project; if so, call ProjectBackup
6. On completion of all tasks above:
 - Write a 'Project Close' time to the Known Projects table
 - Close the project file.
7. Show a Close confirmation message
8. Close the window
9. If called from Exit HRE, end the HRE application.

LOGGING

Use of this module will create log entries.

POSSIBLE SERVER INTERACTIONS

1. In the Client-Server mode of operation, the project database resides on the Server
2. If the Server receives a backup command from a user of a Project with multiple concurrent users, that request is stored in a Queue until there is only one active User, and that User initiates either a Project Backup or Project Close. That backup process is completed before the last active User closes. If the last user does not initiate a Project Backup, the Server must send that user a message indicating activation of the backup process and delay the user's Project close until completion.