

GUI_ProjectRename – Rename a Project

Revision history

2017-04-04	Don Ferguson	Original draft
2018-06-12	Rod Thompson	Add 'Issues' from JL; Replace 'screen' with 'window; Replace BR_PanelConfig with BR_WindowConfig; Revise REQUIRED SERVICES – Dependencies; Add Mockup graphics; Add Process Flow Chart; Add Windows Interaction Map; Add EVENT ACTIONS; Add WARNING MESSAGES
2018-06-14	Rod Thompson	Replace Process Flow Chart; Add project fileset information in Issues; Replace Window Interaction Map; Add to REQUIRED SERVICES – Dependencies; Edit icon actions
2018-07-01	Rod Thompson	Revise SCOPE, Add PROJECT FILESET; Replace graphic; Update REQUIRED SERVICES – Dependencies; Replace Process flowchart; Replace Window Interaction Map; Revise Server messages
2018-11-16	Rod Thompson	Replace Window Interaction Map; Replace graphic; Update REQUIRED SERVICES; remove 03.68, add 07.11; LOOK & FEEL – Add detail; Add section LOGGING; Amend EVENT ACTIONS re window configuration; Add sections USE CASES and TESTING; Add detail to WARNING CONDITIONS; Add NOTES section
2019-01-20	Rod Thompson	Update graphics
2019-01-23	Rod Thompson	Revise EVENT ACTIONS – icon actions (window controls)
2019-02-01	Rod Thompson	Add new section heading SERVER MESSAGES WARNING MESSAGES - Add note regarding display bypass WARNING MESSAGE- Replace graphics
2019-03-16	Don Ferguson	Replace screen mockup with real screen; Renumber 03.6x references to 05.8x
2019-03-17	Rod Thompson	Replace graphics (v8); LOGGING – Add General; Replace Process Flowcharts (v8)
2019-04-12	Don Ferguson	Correct Interaction Map
2020-02-28	Don Ferguson	Align with actual code (Build 19)

SCOPE

This GUI module is called from the Main Menu to rename an HRE project.

Actions only involve a change to the Project name, and records of this name and the change.

PROJECT FILESET

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

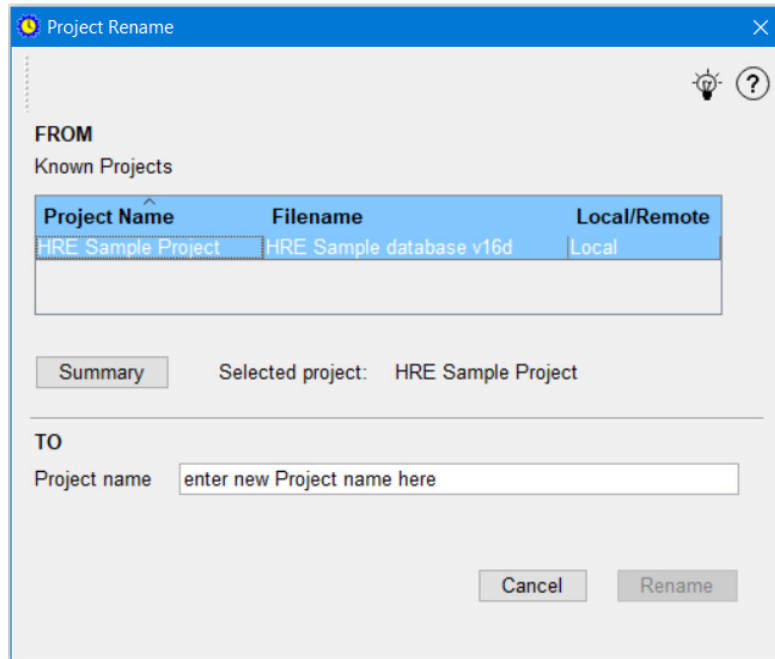
- an H2 database
- A 'User' Auxiliary file
- Appropriate log files
- folders of external files (images, etc) [optional].

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

LOOK AND FEEL

The window has 4 horizontal parts:

- A scrollable display area which allows the selection of a file from the displayed list
- An entry area for the new project name
- The buttons "Rename" and "Cancel"
 - "Rename" performs the rename functions on the selected project
 - "Cancel" exits without action
- A display area of the status of the rename.



PROJECT RENAME window

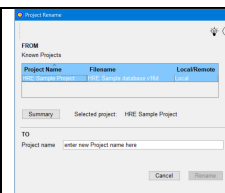
Shape, Size, Color, Layout etc. determined in design.

On screen location

Initially inherited from the HRE main display

Window located immediately below the Project menu button

On screen location is the only User changeable setting



ACTIONS

The fundamental operations are:

1. Open the window
2. Allow user to find and select the project to be renamed
3. Ask for a new project name
4. If single user project, perform the rename of the project:
 - Within the project database
 - Within the User AUX file, Project entry.
5. If a multi-user project, then:
 - Check the number of concurrent users of the selected project
 - If more than one, prevent any new logins
 - Seek other user permissions to rename
 - Schedule a rename project task in the server to update the database
 - Notify every user of the project when it is completed.

USED BY

All HRE users.

DATA CONTROLLED BY THIS MODULE

1. Project Name in database.

REQUIRED DATA CONTROLLED BY OTHER MODULES

1. None.

REQUIRED SERVICES - Dependencies

First-Order Dependencies	Second-Order Dependencies
05.31 GUI_Output	
05.40 GUI_Reminder	
07.11 BR_Logging	

APPLICATION PROGRAMMING INTERFACE (API)

1. Need Details.

LOGGING

Use of this module will create log entries.

Commit Logging

This occurs for each of the following functions – in the listed tables:

Function	Database Table
Close Session	128
Project – New name	204
Move and/or resize window	305/306?

General Log

Includes:

Client

Module ID, Date, Time and Event record for each of the following (if applicable)

- New Project name on rename
- Cancel button

Server

Client ID, Date, Time and Event record for each of the following (if applicable)

- Project Rename process initiated
- Project name selection
- New Project name
- Project rename completion

EVENT ACTIONS

- 1) Keyboard actions

Add new Project name

- 2) Mouse actions

Drag and drop mouse actions to move the window

Setting changes saved to database for User>Project>Window

Left key

- a. click on the 'Summary' button invokes the GUI_Project Summary module
- b. click on the 'Cancel' button, operates the button
- c. click on icons (detailed below)

Right key

To be determined

- 3) Icon actions

- a. left mouse key click on the Window Control icon in the window header panel:

'X' icon - closes the window

NOTE: Same action as in use of the 'Cancel' button

- b. left mouse key click on 'Reminder' icon:
(opens 'Reminder' window for this 'Project Rename' process)
- c. left mouse click on 'Help' icon:
(opens the Help System, searches for the section on 'Project Rename')

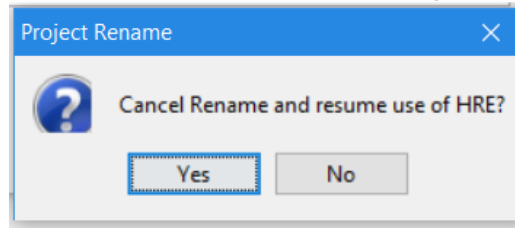
4) Keyboard shortcuts

To be determined

WARNING CONDITIONS

Display Location: centred on the GUI_ProjectRename window

1. When the 'Cancel' button is used, then a confirmation message is displayed:



Message Display bypass

I user option enables the bypass of confirmation messages.

SERVER MESSAGES

Created in and sent from Server to Client

<p>Message M_S_C_1</p> <p>Uses Server Broadcast Message Pattern GUI_Message (SB)</p> <p>Sent to one Client User initiating the 'rename' process</p>	<p>Subject: Project Rename From: Server Text Message: You do not have the 'RIGHTS' to rename the project.</p> <p>Requested by: User name Project name: Project name Project folder: Folder name Project filename: Filename</p>
<p>Message M_S_C_2</p> <p>Uses Server Broadcast Message Pattern GUI_Message (SB)</p> <p>Sent to all current users of the selected project</p>	<p>Subject: Project Rename From: Server Text Message: Project rename queued – multiple users. Rename will occur when all users are disconnected from the project.</p> <p>Requested by: User name Project name: Project name Project folder: Folder name Project filename: Filename</p>
<p>Message M_S_C_3</p>	<p>Subject: Project Rename From: Server Text Message:</p>

<p>Uses Server Broadcast Message Pattern GUI_Message (SB)</p> <p>Sent to one Client User initiating the process</p>	<p>Project rename completed.</p> <p>Requested by: User name Project name: Project name Project folder: Folder name Project filename: Filename</p>
<p>Message M_S_C_4</p> <p>Uses Server Broadcast Message Pattern GUI_Message (SB)</p> <p>Sent to all Client Users (except initiator) recorded in the Project AUX file, with access to this project</p> <p>Queued till next Login</p>	<p>Subject: Project Rename From: Server Text Message: This Project has been renamed.</p> <p>Requested by: User name Project name: Project name Project folder: Folder name Project filename: Filename</p>
<p>Message M_S_C_5</p> <p>Uses Server Broadcast Message Pattern GUI_Message (SB)</p> <p>Sent to the Administrator, advise of the attempt by a User without rights to rename a Project</p> <p>For Administrator action</p>	<p>Subject: Project Rename From: Server Text Message: A request was made to rename this Project by the User, without RIGHTS.</p> <p>Requested by: User name Project name: Project name Project folder: Folder name Project filename: Filename</p>

Message window location: centred on the GUI_ProjectRename window

Message window location (for Administrator) - **how to deal with this??**

Message designator:

- 1) M_ signifies a message
- 2) X_ source
- 3) Y_ destination
- 4) Z distinguishing number for this window

Messages from the Server to the Client utilize the Server Broadcast Message Pattern.

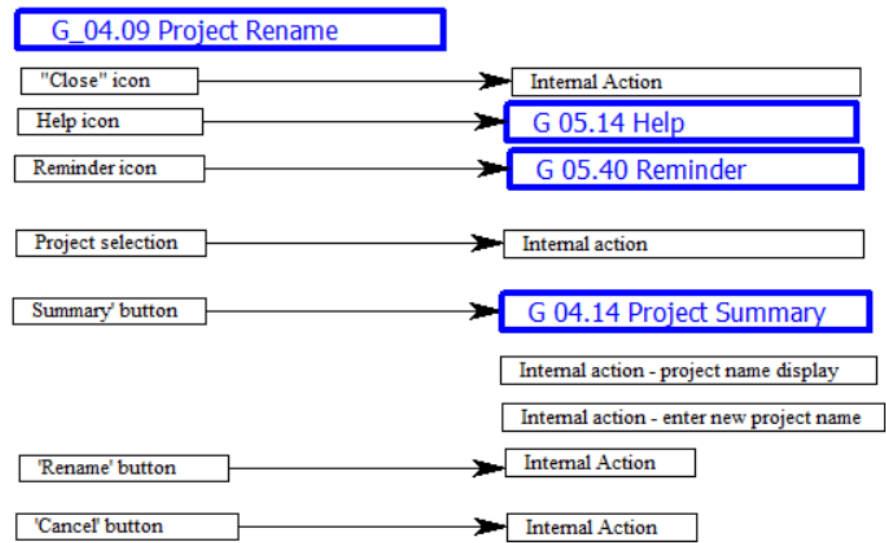
Such messages result in a window opening on the client, to display information (detailed above)

That specification requires amendment to allow use for sending to selected Users.

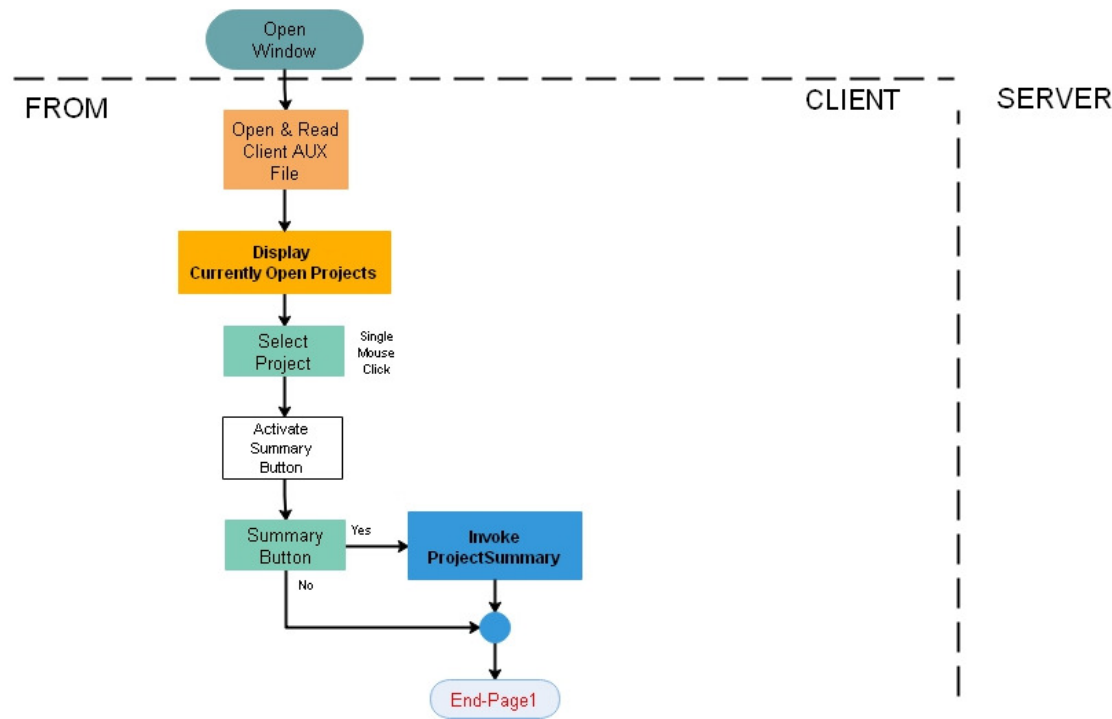
ERROR CONDITIONS

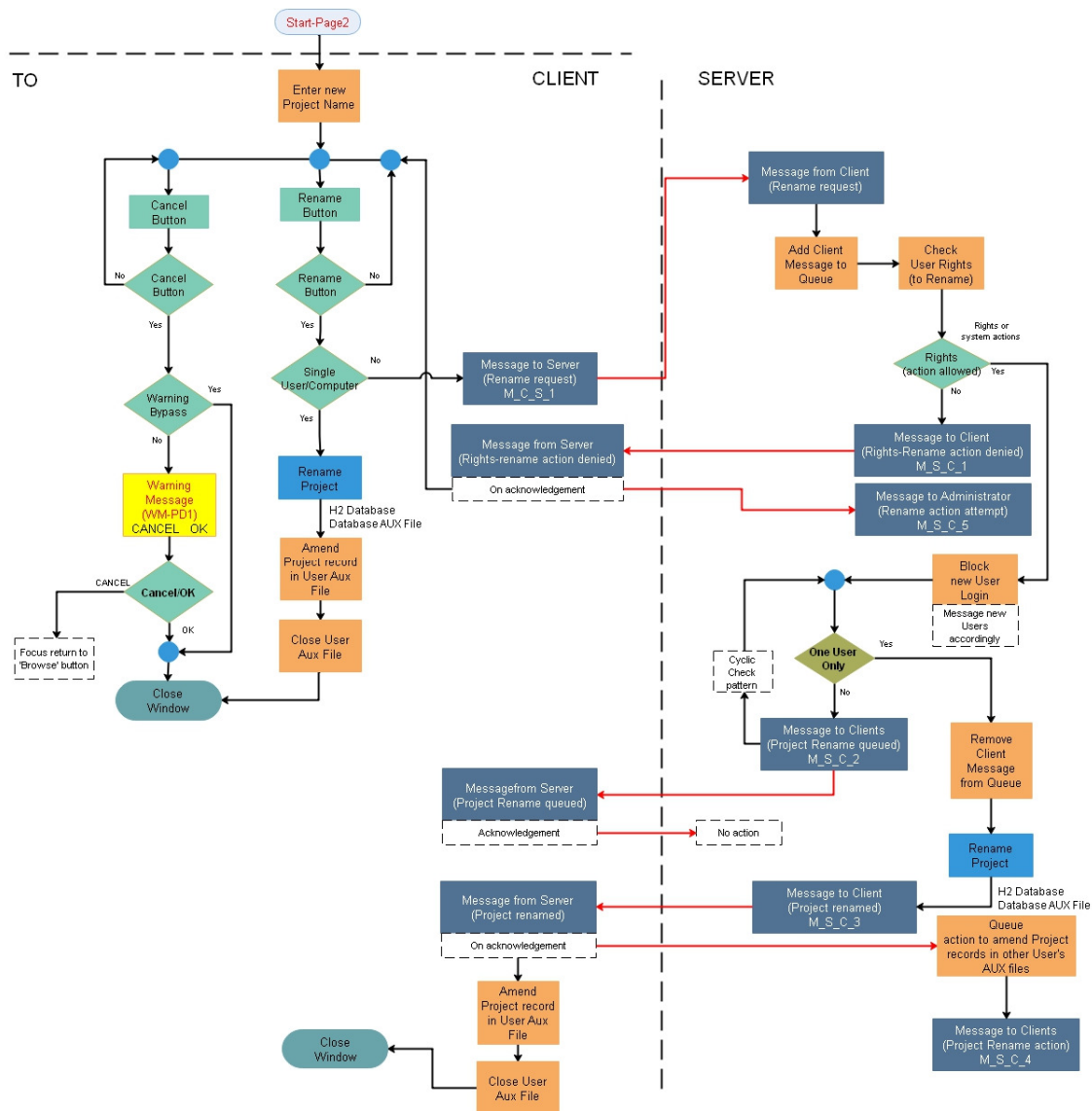
1. **Need to record the condition that raised the error, example message and possible next steps.**

WINDOWS INTERACTION MAP



PROCESS FLOW CHART





TESTING

Testing to prove the functionality of this module in use with others of the HRE application.

Limited 'Project' functionality (see below).

Prior testing of the module in the code development process is assumed.

General requirements	Code element requirements
HRE installation	Main GUI
1) Single computer	Project Open
2) Client-Server	Project Close
3) Test Project database files	Project Rename
	ExitHRE

Process

- 1) Run HRE
 - a. Open the Test Project
 - b. Rename the Project

- c. Close the Project
 - d. Open the newly named Project
 - e. Close the Project
 - f. Exit HRE
- 2) Check result (how?)
 - a. Review Client & Server General Logs
 - b. Re-open Project, confirm name change.