

GUI_ProjectNew – Create a New Project

Revision history

2017-04-04	Don Ferguson	Original draft
2018-05-28	Rod Thompson	Inserted diagrams, actions, maps, flowchart
2018-06-02	Rod Thompson	Amend Required Services
2018-06-15	Rod Thompson	Add Issues raised by JL Update REQUIRED SERVICES – Dependencies Add Project fileset detail Replace 'screen' with 'window' Replace 'BR_PanelConfig' with 'BR_WindowConfig' Replace PROCES FLOW CHART Replace graphic Update Warning Messages Update WINDOWS INTERACTION MAP

SCOPE

This GUI module is called from the Main Menu (GUI_UserInterface) to create a new HRE project instance.

At this time it is assumed that the project fileset consists of:

- an XML type file
- an H2 database
- folders of external files (images, etc).

The following issues still need resolution:

1. Most users will execute this at least once (immediately after first startup). It is possible that all of a user's projects may be on remote, server-side devices, so there must be some method of them being able to place their projects
2. Pre-seeding a new database with required values in various fields is unclear. This is an implied call to ProjectCopyAs using the supplied seed database, which would then be a dependency.

LOOK AND FEEL

The window has:

- Three buttons "Browse", "Create" and "Cancel"
 - The "Browse" buttons allow the user to search the file system for a location and choose a filename for the project
When chosen, the Folder and Filename are added to the display.
 - "Create" initiates the creation of a new set of project files
 - "Cancel" exits without action

Project New

FROM

Server:

If not logged in

Folder

Filename

Project New window - Mockup

ACTIONS

The fundamental operations are:

1. Open the window according to its saved window Layout (BR_WindowConfig)
2. Allow the user to specify a new project name and storage location (local or named server)
3. If an existing project (of the same Project Name) is in the current location, reject the request
4. Create the new project files
5. Invoke GUI_ProjectSettings dialog to enable user to adjust the default project settings
6. Ask user if they wish to use the project; if so, invoke GUI_ProjectOpen to open the new project.

USED BY

All HRE users.

DATA CONTROLLED BY THIS MODULE

Fully initialised new HRE project.

REQUIRED DATA CONTROLLED BY OTHER MODULES

Project data.

REQUIRED SERVICES – Dependencies

First-Order Dependencies	Second-Order Dependencies	Higher-Order Dependencies
05.38 GUI_ProjectSetting	07.24 BR_Setting 07.17 BR_WindowConfiguration	
04.02 GUI_ProjectOpen	04.14 GUI_ProjectSummary	
	05.75 GUI_Server Login	
	03.66 GUI_MessagePatterns	
	07.17 BR_WindowConfig	
	07.04 BR_Files	
	07.43 BR_ServerServices	
	07.16 BR_MessagePatterns	
	07.21 BR_Project	
	04.03 GUI_ProjectRecent	
03.68 GUI_SelectConfiguration	NIL	
05.40 GUI_Reminder	03.68 GUI_SelectConfiguration	NIL
	05.02 GUI_EncodedStringEdit	
	07.01 BR_EncodedString	NIL
	07.24 BR_Setting	
	07.17 BR_WindowlConfig	
	07.02 BR_EntityLink	NIL
07.17 BR_WindowlConfig	07.06 BR_GuiElement	
	07.02 BR_EntityLink	NIL
	07.29 BR_Translation	
	07.03 BR_FieldDefinition	
	07.16 BR_MessagePatterns	
07.21 BR_Project	07.06 BR_GuiElement	
	07.02 BR_EntityLink	NIL
	07.29 BR_Translation	
	07.03 BR_FieldDefinition	

EVENT ACTIONS

1) Keyboard actions

NIL

2) Mouse actions

Left key

- click on Server/Project name pulldown expands Server/Project list, and allows selection
- click on the Browse button opens the Windows Explorer allowing the user to view the file system to select an existing Folder and Filename, or enter a new Filename
- click on the 'Browse' button, opens the Operating system File Explorer window
- click on the 'Create' button, creates a new set of Project files
- click on the 'Cancel' button, cancels any actions taken, and closes the window
If a new set of Project Files has been created, then these are deleted
- click on icons (detailed below)

Right key

To be determined

3) Icon actions

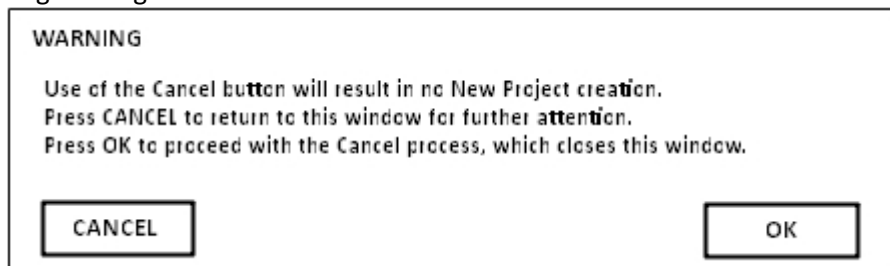
- left mouse key click on icons in the Window Control group:
 - 'X' icon
(closes the window)

- b. 'Box' icon
Toggles the window size between full window, and the preset window size
 - c. 'Dash' icon
Minimizes the window, to an icon on the window toolbar.
A click on the toolbar icon restores the display to its previous setting
 - b. left mouse key click on 'Reminder' icon:
(opens 'Reminder' window for this 'Project New' display)
 - c. left mouse key click on the 'Configuration' icon
(opens the Configuration Window for this Project New window)
 - d. left mouse click on 'Help ' icon:
(opens the Help System, searches for the section on 'ProjectNew')
- 4) Keyboard shortcuts
To be determined

WARNING CONDITIONS

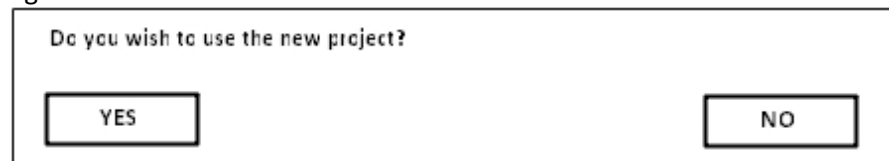
1. If the User sets up a folder/filename for a new Project, then does not proceed to 'Create' the new Project, opting to 'cancel', then a warning message must be provided directing User attention to deal with the possibly redundant Folder.

Warning Message:



2. When the New Project has been created, a message to the user question they wish to open and use the new project.

Message:

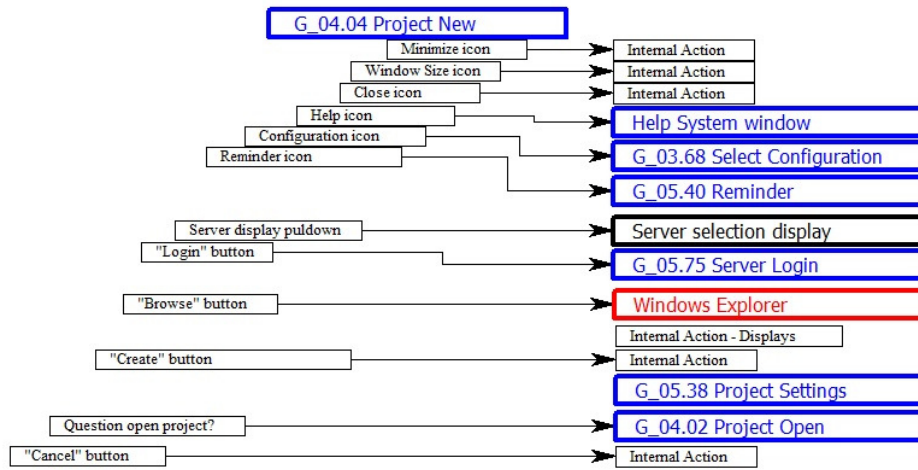


Locations: Centred on the ProjectNew window

ERROR CONDITIONS

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

WINDOW INTEACTION MAP



PROCESS FLOW CHART

