GUI_ProjectAdmin – Administer a Project

Revision History

2018-06-25	Don Ferguson	Initial creation
2018-06-27	Rod Thompson	Edit Add PROCESS FLOW CHART Add graphics
2018-06-28	Rod Thompson	Revise graphics Amend 'Output' icon operations Add REQUIRED SERVICES – Dependencies Add text version of Warning Message Add Note in SCOPE Add Server Message Add EVENT ACTIONS
2018-06-30	Rod Thompson	Additions to REQUIRED SERVICES
2018-07-02	Don Ferguson	Added Fileset info; 2nd Warning message
2018-10-13	Rod Thompson	Remove Configuration LOOK & FEEL, Graphics, WINDOW INTERACTION MAP Revise REQUIRED SERVICES Add Location/Size information Add Window adjustment to EVENT ACTIONS Add LOGGING section
2018-12-06	Rod Thompson	Amend LOGGING
2019-04-07	Rod Thompson	REQUIRED SERVICES – Add 05.31 GUI_Output
2019-04-08	Don Ferguson	Replace mockup1 with actual screen shot Edited text to match actual functions Update 03.6x references to 05.8x (with notes of changes required in graphics)

SCOPE

This GUI module is called from the Main Menu (GUI_UserInterface) , menu item Tools -> Administration - > Edit Users and Rights for the administration of User entries in the HRE project database and associated Auxiliary files.

PROJECT FILESET

A set of files required for normal use of HRE projects consists of:
- an H2 database
- A 'User' Auxiliary file
- A 'Project' Auxiliary file
- Appropriate log files
- folders of external files (images, etc)   [optional].

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

Note: A Server administrator will provide information (Username and password) to Users when they are to be provided with new access to a project.

LOOK AND FEEL

The window has several parts:
- The upper right icon buttons provide the following universal features:

- o the 'Output' icon enables <u>Output</u> of the Recorded Projects list by sending the contents of the table to a file or to a printer, OR the User list (depending on the point of use of the Output icon)
  - o the 'Reminder' icon displays the <u>Reminder </u>content for this window
  - o the 'Help' icon displays context <u>Help</u> about the use of this window.
- 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).
  NB: If this is a local usage of HRE where project files are only used from the same computer then the functions of this section of the GUI are not relevant
- The Project "Browse" button allows the user to search for and find a project to be selected
- The "Users" button opens the AUX file associated with the chosen project and displays a list of Users from it
- The "Add" button initiates the addition of the chosen User to the Project AUX file and to the Project database – this will require a further GUI screen for input of Username, password, email, language and User rights
- The "Delete" button initiates the deletion of the chosen User from the Project AUX file and from the Project database
- The "Cancel" button forces exit without a User change action
  This may involve 'Undo' action.

Project Administration

Recorded Projects

Server Name	Project Name	Last Eddited
Local	Drummond-UK	2017-06-19
Local	Drummond-US	2012-04-08
NLA-Ext4	Mitchell	2003-10-10
GOONS-MWP2	Thompson	2018-06-26
GSV-Ext22	Donaldson	2009-10-01
AUS-Immign9	VIC	1008-02-27
Local	Andrews	2015-06-19

Server   This computer

Project Search   Browse...

Filename

Folder Name   D:/History/Drummond

Users

User Name
James
Thomas, Jeff

Add   Delete

Cancel   Close

Draft PROJECT ADMIN Window

Project Administration

— □ X

Recorded Projects

Server Name	Project Name	Last Edited
Local	Drummond-UK	2017-06-19
Local	Drummond-US	2012-04-08
NLA-Ext4	Mitchell	2003-10-10

Server name ▼ | Login |

If not logged in

Project Search | Browse |

D:/History/Drummond

| Users |

List of users

Add new User data

UserName: Username entry

Password: Password entry

email: email entry

Language: Language entry

| User Rights |

| Close |

| Accept | | Cancel |

PROJECT ADMIN Window – Mockup 2

PROJECT ADMIN Window – Mockup 3

NOTE: At this point it is considered likely that the complexity of 'User Rights' entries will require the use of a call to another module (with a new window).

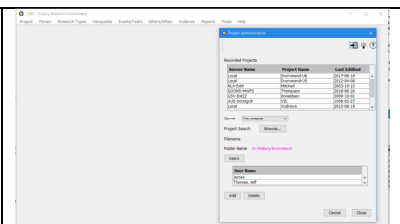Shape, Size, Color, Layout etc. determined in design.
On screen location
Initially inherited from the HRE main display
Window placed under initiating Tools menu item
Window resize as necessary as panels are added
On screen location and scale are the only User changeable settings

ACTIONS

The fundamental operations are:

1. Open the window according to its saved window Layout (BR_WindowConfig)
2. Open the User's AUX file and display the project list
3. Allow User to select a Project for administrative attention
4. Open that Project's AUX file and its associated Project file
5. Allow this User to Add a new user (with defined access rights etc)
6. Allow this User to Delete a defined User
7. For additions, send an email to the new User advising them that they now have access to this project
8. For deletions, send an email to the deleted User, warning them that their access to this project has been removed
9. Operation of the Output icon is determined by actions in the usage process.
   - at window open, 'Output' works on the Recorded Projects list;
   - after use of the 'Users' button, 'Output' works on the Users list;
   - after use of the 'Cancel' button, 'Output' works on the 'Recorded Projects' list.

USED BY

HRE database administrators.

DATA CONTROLLED BY THIS MODULE

1. User tables in the project database – Tables 131-136
2. User and Project data in the Database Auxiliary file.

REQUIRED DATA CONTROLLED BY OTHER MODULES

1. None.

REQUIRED SERVICES - Dependencies

First-Order Dependencies	Second-Order Dependencies	Higher-Order Dependencies
07.17 BR_WindowlConfig	07.06 BR_GuiElement	07.01 BR_EncodedString
		07.02 BR_EntityLink
		BR_FieldTranslation
		07.16 BR_MessagePattern
	07.02 BR_EntityLink	Needed
	07.29 BR_Translation	07.02 BR_EntityLink
		BR_Field
		07.06 BR_GUIElement
		07.16 BR_MessagePatterns
	07.03 BR_FieldDefinition	Needed
05.14 GUI_Help	05.88 GUI_Select Configuration	
	07.24 BR_Setting	
	07.11 BR_Logging	07.01 BR_EncodedString
		07.02 BR_EntityLink
		BR_FieldTranslation
		07.26 BR_Substitution
	07.07 BR_Help	07.29 BR_Translation
		07.21 BR_Project
		07.01 BR_EncodedString
		07.24 BR_Setting
		07.11 BR_Logging
		07.02 BR_EntityLink
05.31 GUI_Output	05.77 GUI_FileChooser	

APPLICATION PROGRAMMING INTERFACE (API)

1. Single call with no parameters.

LOGGING

Use of this module will create log entries.

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

Function	Database Table
Move and/or resize window	305/306?

General Log
This includes:

- Project selection
- Update User AUX file
- Server Login (if applicable)
- Record of User added to or deleted from Project
- Record of email sent to User (addition or deletion).

EVENT ACTIONS

1) Keyboard actions
   Data entry for a New User addition.
   Includes Username, Password, email address, Language and User Rights
2) Mouse actions
   Drag and drop mouse actions to move and resize the window
   Setting changes saved to database for User>Project>Window
   <u>Left key</u>
      a. Mouse key click on Server type pulldown expands type list, and allows selection
      b. Mouse key click on a Project Name, causes the project folder name to be shown in the text box
      c. Mouse key click on each button, operates the button
      d. Mouse key click on icons (detailed below)
   <u>Right key</u>
      To be determined
3) Icon actions
   a. left mouse key click on icons in the Window Control group:
         a. 'X' icon - closes the window
            NOTE: Same action as in use of the 'Cancel' button
      b. Left mouse key click on the 'Output' icon:
         (opens the 'Output' window for output to File or Printer)
         Refer to ACTIONS for more information
      c. left mouse key click on 'Reminder' icon:
         (opens 'Reminder' window for this 'ProjectAdmin' window)
      d. left mouse key click on the 'Configuration' icon
         (opens the Configuration Window for this 'ProjectAdmin' window)
      e. left mouse click on 'Help ' icon:
         (opens the Help System, searches for the section on 'ProjectAdmin')
4) Keyboard shortcuts
      To be determined

WARNING CONDITIONS

1. When the 'Cancel' button is used, then a confirmation message is displayed.
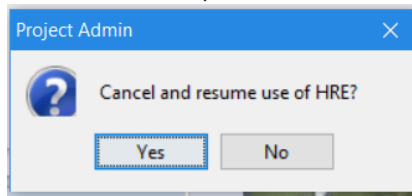
2.
Press YES to return to the HRE Main Menu.
Press NO to proceed with the Cancel process, which closes this window

Location: centred on the ProjectAdmin Cancel button.

3. When the 'Delete' button is used, then a warning message is displayed if the User is present in the project file but not the AUX file, or vice-versa.
Warning Message (WM-PA1)

ERROR CONDITIONS
1. Need to record the condition that raised the error, example message and possible next steps.
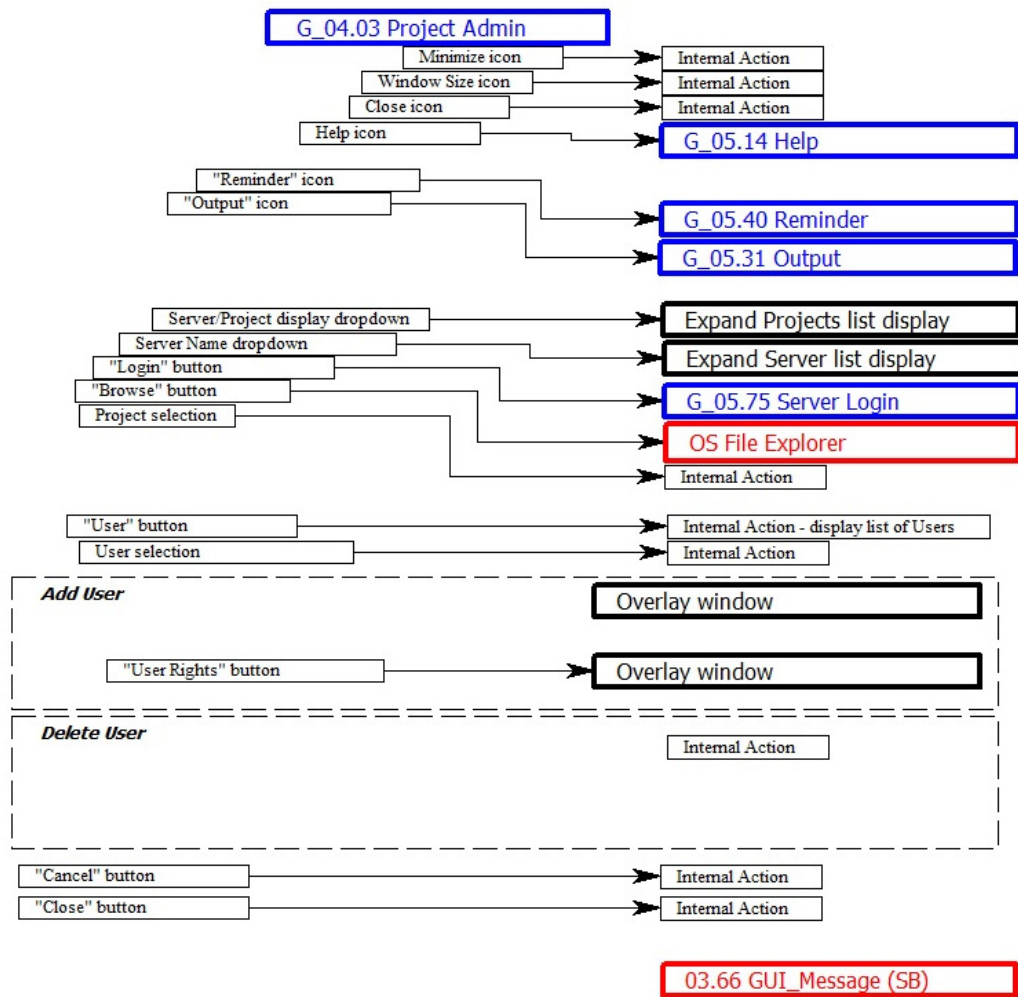
MESSAGES
Created in and sent from Server to Client

Message M_S_C_1	Subject: Project Access
	From: Server
	Text Message:
Uses Server Broadcast Message Pattern GUI_Message (SB)	User access to this project has been removed.
	Requested by: User name (administrator)
Sent to each Users whose access to a Project is 'removed'	Server name: Server
	Project name: Project name
	User name: User name (recipient)

Location: Centered on the Users HRE main window
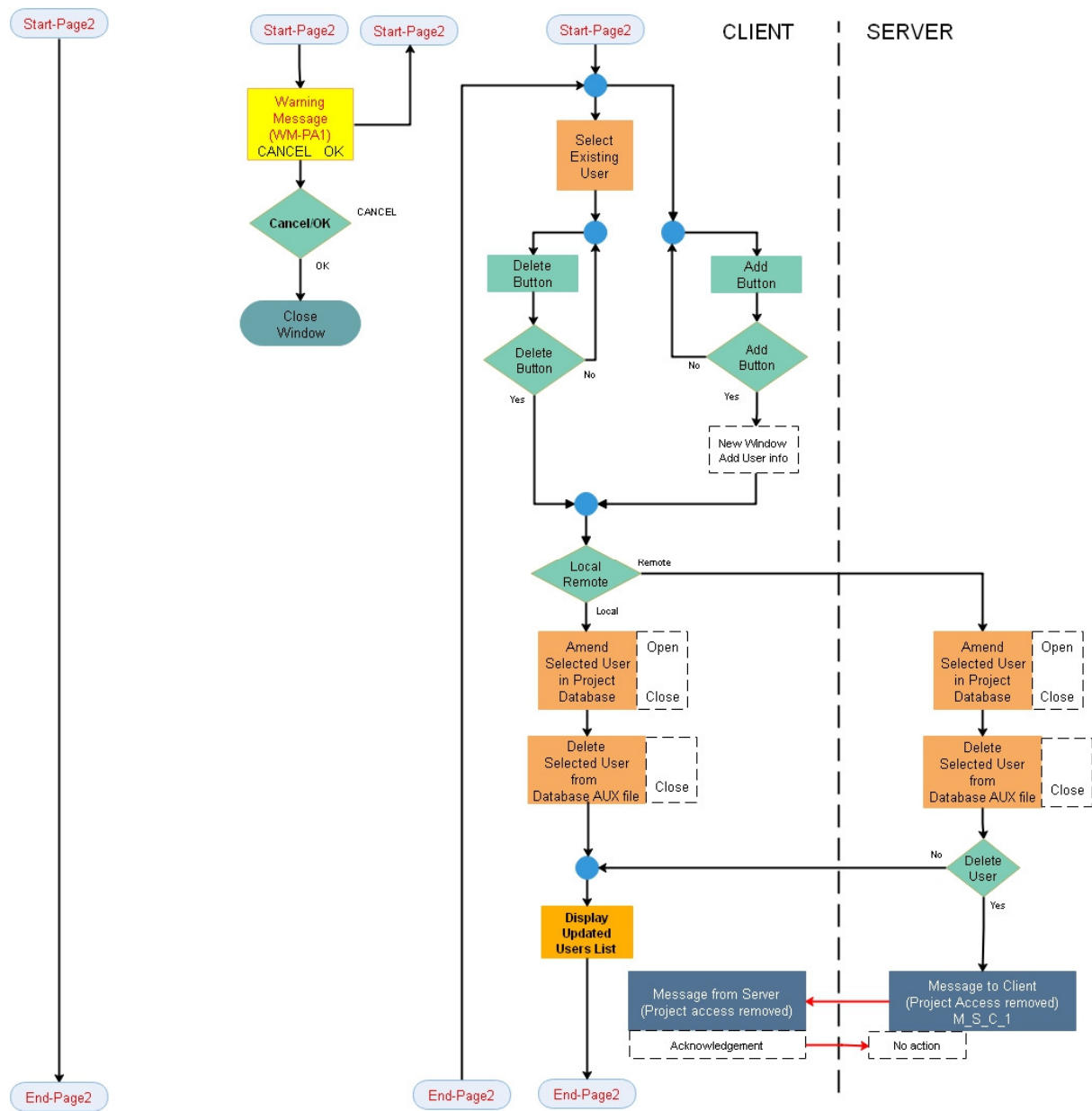
WINDOW INTERACTION MAP

G_04.03 Project Admin	
Minimize icon	→ Internal Action
Window Size icon	→ Internal Action
Close icon	→ Internal Action
Help icon	→ G_05.14 Help

| "Reminder" icon | → G_05.40 Reminder |
| "Output" icon | → G_05.31 Output |

Server/Project display dropdown	→ Expand Projects list display
Server Name dropdown	→ Expand Server list display
"Login" button	→ G_05.75 Server Login
"Browse" button	→ OS File Explorer
Project selection	→ Internal Action

| "User" button | → Internal Action - display list of Users |
| User selection | → Internal Action |

Add User
Overlay window

| "User Rights" button | → Overlay window |

Delete User
Internal Action

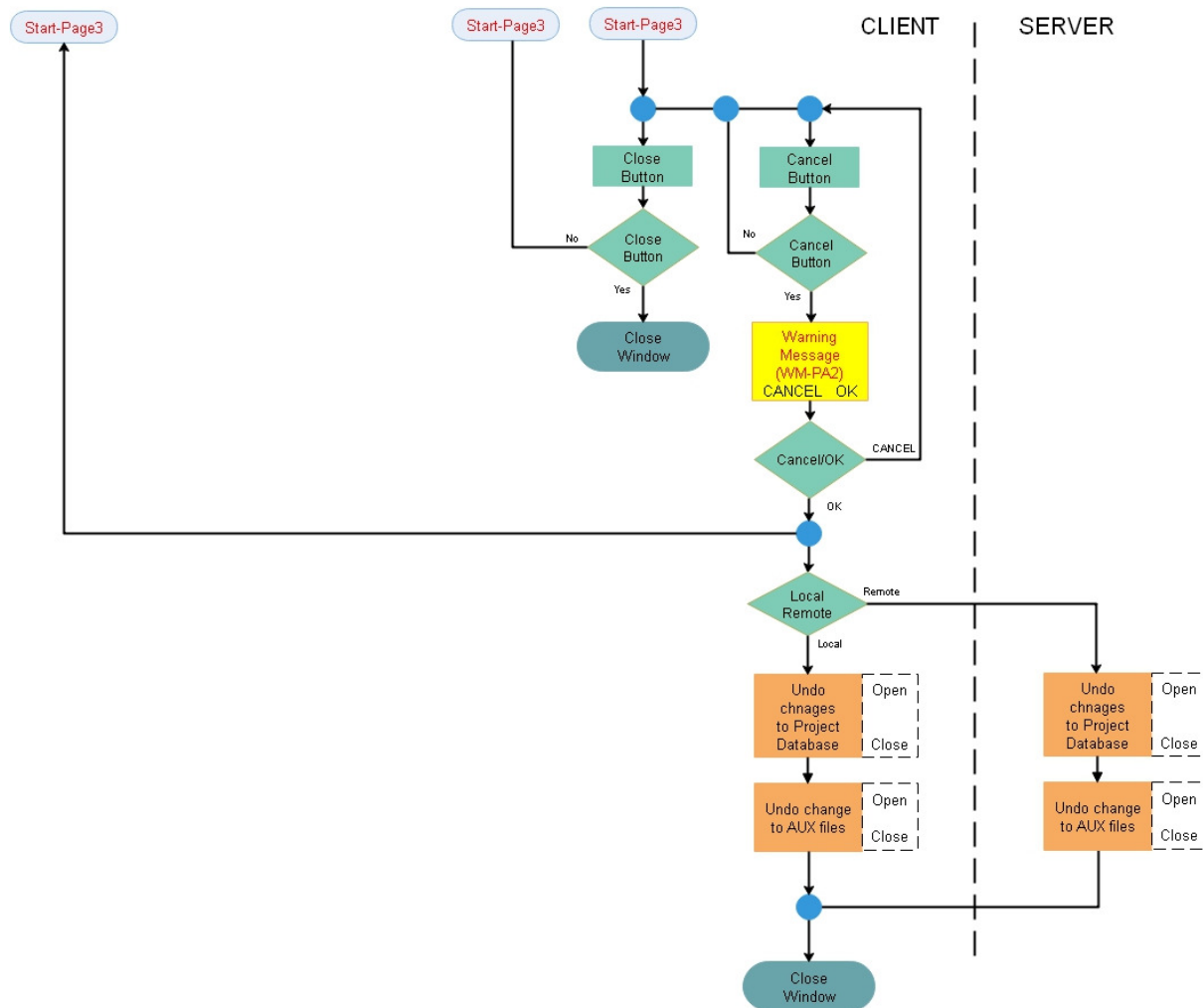| "Cancel" button | → Internal Action |
| "Close" button | → Internal Action |

03.66 GUI_Message (SB)

NB: above map requires change of 03.66 to 05.87

PROCESS FLOW CHART

Output Process