GUI_ProjectAdmin – Administer a Project

Revision History

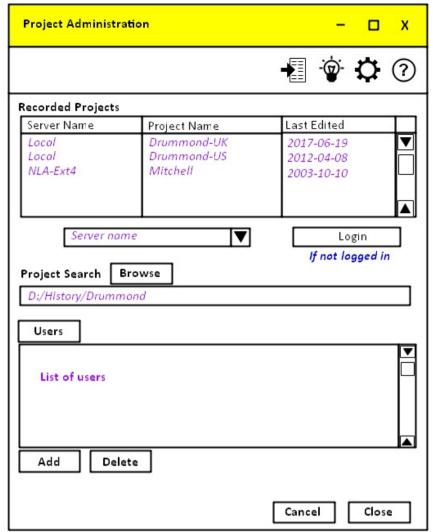| 2018-06-25	Don Ferguson	Initial creation
2018-06-27	Rod Thompson	Edits, add PROCESS FLOW CHART

SCOPE

This GUI module is called from the Main Menu (GUI_UserInterface) for the administration of User entries in the HRE project database and associated JSON Auxiliary files.
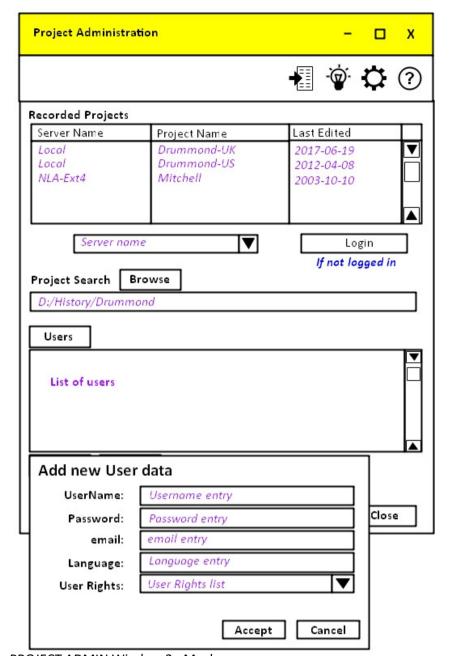
LOOK AND FEEL

The window has several parts:

- The upper right icon buttons provide the following universal features:
    - the 'Output' icon enables <u>Output</u> of the Recent Projects list by sending the contents of the Recent Projects tabular display to a file or to a printer.
    - the 'Reminder' icon displays the <u>Reminder</u> content for this window
    - the 'Configuration' icon enables the user to create and retrieve recent or favorite <u>Configurations</u> of this window's layout
    - 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 GUI are meaningless
- The Project "Browse" button allows the user to select the project to be selected
- The "Users" button opens the JSON 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's Database AUX file and to the project H2 database – this requires the 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's Database AUX file and from the project H2 database
- The "Cancel" button forces exit without a User change action
  This may involve 'Undo' action.

PROJECT ADMIN Window 1 - Mockup

PROJECT ADMIN Window 2 - Mockup

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 Database AUX file and its associated H2 Database/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.

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 (if not already listed)	Higher-Order Dependencies (if not already listed)

APPLICATION PROGRAMMING INTERFACE (API)
1. Single call with no parameters.

EVENT ACTIONS

WARNING CONDITIONS
1. When the 'Cancel' button is used, then a warning message is displayed.
   Warning Message (WM-PA1)

2. 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-PA2)

Server scenario
Created in and sent from Server to Client

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

WINDOW INTERACTION MAP

PROCESS FLOW CHART

Open
Window

Applies only to
multi-
computer use

CLIENT | SERVER

**Display
Servers**

Select
Server

Single
Mouse
Click

**Is this User
Logged in**

No

Activate Login
Button

**Invoke
Server Login**

Yes

Browse
Button

**Operating System
Folder and Filename**

Select Project

**Display
selected project name in
Text Box**

Window Close 'X'
control

Cancel
Button

Users
Button

**Window
Close**

No

**Cancel
Button**

No

**Users
Button**

No

Yes

Yes

Yes

**Are
Files
Open?**

Yes

Local
Remote

Remote

No

Local

**Changes
made**

No

**Open
Project AUX
file**

**Open
Project AUX
file**

Yes

**Close
Database and
AUX files**

**Display
Users List**

End-Page1

End-Page1

End-Page1

CLIENT | SERVER

Start-Page3

Start-Page3   Start-Page3

Close
Button

Cancel
Button

No → Close
Button

No → Cancel
Button

Yes ↓

Yes ↓

Close
Window

Warning
Message
(WM-PA2)
CANCEL   OK

Cancel/OK — CANCEL

OK ↓

Local
Remote — Remote

Local ↓

Undo
chnages
to Project
Database | Open / Close

Undo
chnages
to Project
Database | Open / Close

Undo change
to AUX files | Open / Close

Undo change
to AUX files | Open / Close

Close
Window