GUI_OpenProject – Open a Project

Don Ferguson 2017-04-04

SCOPE

This GUI module is called from the Main Menu (GUI_Interface), or from GUI_ProjectNew to open an HRE project for use.

LOOK AND FEEL

The screen has 2 horizontal parts:
- A 'Recent Projects' scrollable tabular display area which shows all of the user's recently used projects, and which allows the selection of a file from the displayed list (this may be empty if no projects have been opened)
- The buttons "Browse, "Open", "Exit", "Configure" and "Output"
  - The "Browse" buttons allow the user to search the file system for a valid HRE project to open, other than those already listed (if any)
  - "Open" performs the project open functions on the selected project
  - "Cancel" exits without action
  - "Configure" allows the columns in the Recent Project list to be set by the user
  - "Output" will send the contents of the Recent Projects tabular display to a file or to a printer.

[Needs a mockup diagram here]

ACTIONS

The fundamental operations are:
1. Open the screen according to its saved screen Layout (BR_PanelConfig)
2. Displays a list of available projects and allow the user to select one to open
3. Determine whether selected project is Local or Remote
4. If a Remote project:
   - Check status of the selected project to see whether it is already open by other users
   - If already in use, notify all concurrent users of this user joining for update activity
5. Open the selected project data files
6. Populate the user's HRE instance with either default settings, OR this user's last status data from their last use of this project.

USED BY

All HRE users.

DATA CONTROLLED BY THIS MODULE

1. None.

REQUIRED DATA CONTROLLED BY OTHER MODULES

1. None.

REQUIRED SERVICES

1. BR_PanelConfig
2. BR_Project.

APPLICATION PROGRAMMING INTERFACE (API)

1. Need Details.

EVENT ACTIONS

1. Need Details.

WARNING CONDITIONS

1. Need details of the condition that raised the warning, example message and possible next steps.

ERROR CONDITIONS

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