GUI_AppSetting – Application Setting management

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SCOPE

This GUI module displays the current and default settings of the currently open HRE project. It is opened by the Tools > Settings > Application menu item.

LOOK AND FEEL

- The screen has 2 parts; left and right with a moveable vertical separator between them
- The left side is a list of setting groups. Selecting one setting group will cause the right side to be populated with settings within that group
- The right side is a properties editor that has 3 columns:
  - Column 1: The label of the setting. The character emphasis of the title is coded with:
    - **BOLD** for default value
    - Normal as the user initial value
    - <u>Underline</u> when the value has been edited in this view.
  - Column 2: The current value of that setting. Double clicking on the row will cycle the initial value, edited value (if one exists) and the default value
  - Column 3: A button to open a special editor if that setting has a format that should not be in-place edited. This will also allow for reset to the default.
- The editing of values has Undo/Redo features and repeat value access.

[Needs a mockup diagram here]

ACTIONS

The fundamental operations are:

1. Open screen according to its saved Screen Layout (BR_PANEL)
2. Populate the left side with the list of setting group labels
3. On selecting a setting group, the right side displays the setting names and values within that group
4. Select a row for editing
5. If a value is edited, then it will be validated both for its syntax and value for correctness
6. On finally clicking "Accept" the new values will be saved in the appropriate project database
7. On finally clicking "Reject" the new values will not be saved.

USED BY:

1. Items that have settings and defaults (incomplete list)
2. Screen font size, keyboard mouse, printer properties and many more.

DATA CONTROLLED BY THIS MODULE

None.

REQUIRED DATA CONTROLLED BY OTHER MODULES

HRE_ID.

REQUIRED DATA CONTROLLED BY OTHER MODULES:

1. HRE_ID
2. Panel Configuration.

REQUIRED SERVICES

1. BR_Setting
2. BR_PanelConfig.

APPLICATION PROGRAMMING INTERFACE (API)

1. Need Details.

EVENT ACTIONS

1. Need details of event (keyboard or mouse) and the description of the action.

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.