GUI_PanelConfigEdit – Panel Configuration Edit

Revision history

2017-02-23	Robin Lamacraft	Original draft
2018-03-29	John Lucas	Modified Look and Feel; example diagram added
2018-04-06	Robin Lamacraft	Changed 2nd paragraph of Example
2018-06-09	Rod Thompson	Replace 'screen' with 'window'
		Replace BR_PanelConfig with BR_WindowConfig

SCOPE

This GUI module displays the list of properties of a panel configuration for a selected GUI_Module for editing.
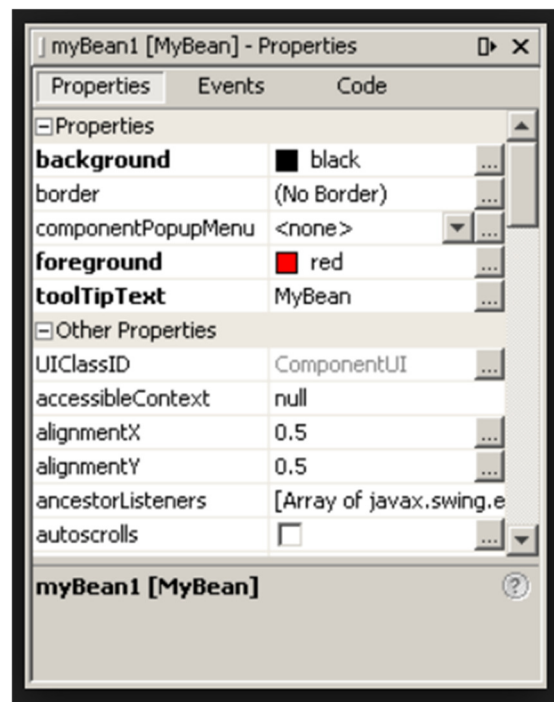
LOOK AND FEEL

- The bottom of the window has a collection of command buttons:
    - "Configure" to select the layout for this window or create a new layout
    - "Save" to save the changes
    - "Ignore" to ignore the changes.
- Above this, the window has 2 parts; left and right with a moveable vertical separator between them
- The left side is a list of items that represent the major divisions that classify the settings of that panel layout. Selecting an entry in the left populates the right side with a list of dividual settings
- 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
        - Underline 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 repeat value access.
- The … buttons should include the default value as an option.

Example:
On the right is an example from MyBean of a properties editing window similar to what is intended for the rightmost three columns.

In some GUI widgets, the first column is replaced by an inserted row with "+" or "-" at the start followed by a group label of the settings. The "+" indicates that by clicking that row, the content lines of that group are expanded and when the start of these lines is "-", then clicking that line will cause the expanded lines to be hidden.

USED BY
GUI Modules that have "Configure" command buttons.

METHODS
The fundamental operations are:
1. Open the window according to its saved Window Layout (BR_WindowConfig)
2. Populate the left list
3. When an entry in the left list is selected populate the property editor with its current values
4. Allow editing of the selected property
5. If a value is edited, validate both its syntax and value for correctness
6. Save values in the appropriate database.

AUXILIARY DATA USED
1. No direct access to databases.

REQUIRED SERVICES
1. BR_Setting
2. BR_WindowConfig