GUI_RecentVisit – Recently Visited Values

Robin Lamacraft 2017-02-21

SCOPE

This GUI module displays 2 lists of entries; one is ordered on frequency of use and the other has preset entries. This frame has 3 distinct types of use where the list entries are:

1. related to a specific data entry field (accessed by keyboard shortcuts)
2. panel configurations related to a specific GUI screen type. In this case, the user may also choose to define a new panel configuration (accessed by the "Configure" command button)
3. object IDs of same object type, with names when appropriate (accessed by a "Recently Used" menu for any object type). In this case the fixed list acts a bookmark list.

In each case:

- the length of the recently used list can be set
- the entries in the fixed list can be inserted or deleted
- an entry in the recently used list can be moved to the fixed list.

The algorithm for the recently visited list is simple:

Is the new ID already in the recently used list?

1. If TRUE, then move it to the top of the recently visited list
2. If FALSE, delete last entry in the list, and then add new entry to the top of the list.

LOOK AND FEEL

The screen has:

- a **Heading** for the type of items in this screen and a "Configure" command button.
- a "**Recent Value List**" frame with a "Show/Hide" toggle command button. Within this frame there is an ordered list of values displayed in a 1 to 3 column tabular arrangement
    - Column 1: the index in the list, 1 at the top (optional)
    - Column 2: the ID if the entry (optional)
    - Column 3: the name of the entry (optional)
    - "Move to Fixed" command button moves a selected item to the fixed list
    - "Clear" command button empties the recent list
    - "New" command button creates a new object of this type. NOTE: This button is only enabled for some uses of UI_RecentVisit.
- a "**Fixed Value List**" frame with a "Show/Hide" toggle command button. Within this frame there is a list of values displayed in a 1 to 2 column tabular arrangement.
    - Column 1: the ID if the entry (optional)
    - Column 2: the name of the entry (optional)
    - A "Delete" command button to delete a selected item to the fixed list
    - A "Clear" command button to empty the fixed list.
- Clicking on an entry in either list will select it.
- "Apply" performs an action within each of the following contexts:
    - For access by keyboard shortcut, the value is inserted in the data entry field at the current editing cursor location
    - For access by any "Configure" button, the selected Panel Configuration is applied to the Frame from which this module was called
    - For access from a "Recently Visited" menu item, "Apply" or double click will open the appropriate "Edit" screen for the selected object.
- "Ignore" closes the Recent Visit frame
- Double-clicking on an entry will select and use it.

[Needs a mockup diagram here]

USED BY:

- **Any data entry field** that has a recent list keyboard shortcut linkage
- **Any "Configure" command button** used to select or create alternative Panel Configurations. It is in this case that the "New" command button in the Recent Values list is enabled.
- **Any "Recently Used" menu item.**

METHODS

The fundamental operations are:

1. Open the screen according to its saved Screen Layout (BR_PanelConfig)
2. Populate the tabular display with values for the 2 lists
3. Update the **Recent Value List** whenever that type of object changes
4. Clicking on a row selects an object
5. "Apply" to use the selection
6. "Ignore" to close the Recent Visit frame.

USED BY

1. Nothing else.

AUXILIARY DATA USED

1. No direct access to databases.

REQUIRED SERVICES

1. GUI_PanelConfigEdit
2. BR_RecentVisit
3. BR_Setting
4. BR_PanelConfig
5. BR_EntityLink.