BR_RecentUse – Recent Use Services

Revision history

2017-03-24	Robin Lamacraft	Original draft
2018-06-03	Don Ferguson	Edited Scope bullet entries for clarity

SCOPE

This module must be used to create, edit, delete and retrieve Recent Used Values for a specific data input field. For each data entry field that has the recent values capability, there are 2 lists of values maintained by this module. They are:

- Recently Used Values list – contains separate lists of Recently Used values (for fields with this capability) on a per User basis such that the most recent used/visited values are ordered in the list with the most frequent at the top. The maximum length of the Recently Used values list for this field for this current User is set in the GUI-Recent Visited screen configuration. This list is automatically updated over time. Items in the Recently Used list can be moved to the Fixed Values list
- Fixed Values list - contains separate lists of values on a per User basis. The User can delete items from the Fixed Value list
- Every GUI that requires maintenance of a recently used list must consistently use this module to update its recently used value list.

ACTIONS

On request, for a selected data entry field, this module must:

1. Create a recently used list for that data entry field (default length of recently used list = 10)
2. Change the length of the recently used list (one is the minimum value)
3. When a data entry value is accepted, then update the recently used list
4. Return the current frequently used list
5. Return the fixed value list
6. Move a selected entry from the frequently used list to the fixed list
7. Remove a selected entry in the fixed list from that list.

USED BY:

Any Main Menu or GUI module that has fields that can access a recent visited list.

1. Needs details

DATA UNDER CONTROL OF THIS MODULE

1. Recent Use data.

REQUIRED EXTERNAL DATA UNDER CONTROL OF ANOTHER MODULE

1. GUI-Element ID Index data.

REQUIRED SERVICES

1. Needs details

APPLICATION PROGRAMMING INTERFACE (API)

1. Needs 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.