

## GUI\_AppSetting – Application Setting management

### Revision history

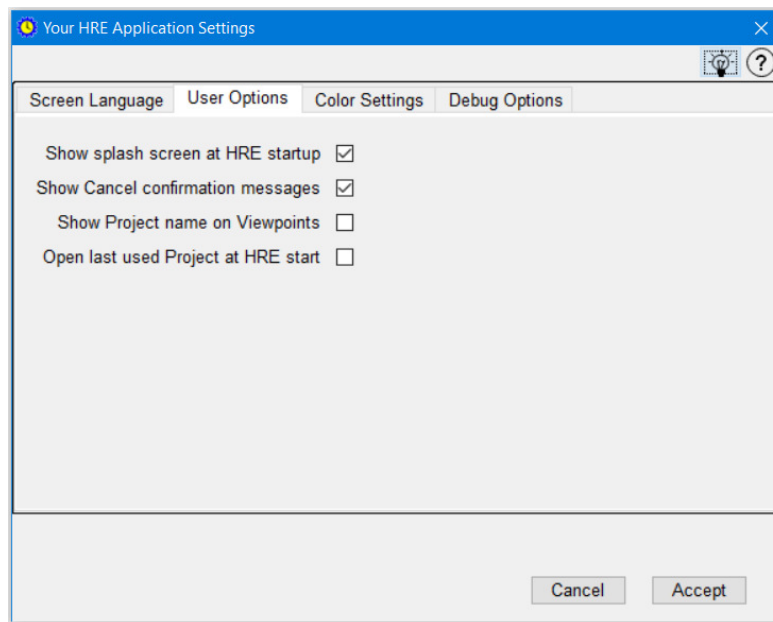
2017-07-02	Robin Lamacraft	Original draft
2018-06-13	Rod Thompson	Replace 'screen' with 'window'
2018-07-14	Rod Thompson	Revise REQUIRED SERVICES-Dependencies; Add EVENT ACTIONS
2018-10-15	Rod Thompson	Amend SCOPE – additions; LOOK AND FEEL – remove 'configuration'; USED BY – revise; DATA CONTROLLED BY THIS MODULE – revise
2018-11-27	Rod Thompson	Add to DATA CONTROLLED
2019-04-27	Don Ferguson	Complete revision and alignment with UserAUX file settings
2020-03-10	Don Ferguson	Align with actual code (using a tabbed pane screen) at Build 20

### SCOPE

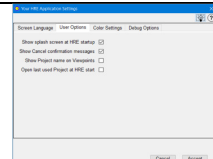
This GUI module displays the current and default settings of the current HRE user setup. It is opened by the Tools > Settings > User menu item.

### LOOK AND FEEL

- The upper right icon buttons provide the following universal features:
  - the 'Reminder' icon allows display of the Reminder content for this window
  - the 'Help' icon opens the display of context Help about the use of this window
- Below this the window has 2 parts; a tabbed pane with multiple tabs visible and a lower panel holding the Cancel and Accept buttons
- Each tabbed pane controls HRE options of a similar type – these may be drop-down boxes, checkboxes, color selections, etc.



**Application Settings screen (User Options tab)**

Shape, Size, Color, Layout etc. determined in design. <u>On screen location</u> Initially inherited from the HRE main display	
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## ACTIONS

The fundamental operations are:

1. Open window
2. Populate the screen with the list of current settings as saved in UserAUX file
3. Accept option changes
4. On finally clicking “Accept” the new values will be saved in the UserAUX file
5. On finally clicking “Cancel” any new values will not be saved.

## USED BY:

All HRE users (subject to Access rights)

Accessed via the Tools > Settings > User menu

## DATA CONTROLLED BY THIS MODULE

Settings for the following are User editable

Category	Settings
Look	Window font selection and language
Yes/no options	Startup Splash screen (default ON); Cancel Messages (default ON); Project name in Viewpoints (default OFF); Last project opened at startup (default OFF)
Table header colors	Foreground/background
Logging and debug settings	

## REQUIRED DATA CONTROLLED BY OTHER MODULES:

Nil.

## REQUIRED SERVICES – Dependencies

First-Order Dependencies	Second-Order Dependencies
07.44 BR_UserAUX	
05.78 ColorChooser	

## APPLICATION PROGRAMMING INTERFACE (API)

1. Single call, no parameters.

## LOGGING

Use of this module will create log entries.

General Log – read/write of UserAUX file.

## EVENT ACTIONS

- 1) Keyboard actions  
Amendments to settings
- 2) Mouse actions  
Left key

- a. Mouse key click on a Setting category, causes the relevant settings to be displayed
- b. Mouse key click on each button, operates the button
- c. Mouse key click on icons (detailed below)

Right key

To be determined

3) Icon actions

- a. left mouse key click on icons in the Window Control group:
  - a. 'X' icon closes the window  
NOTE: Same action as in use of the 'Cancel' button
  - b. 'Dash' icon  
Minimizes the window, to an icon on the screen toolbar.  
A click on the toolbar icon restores the display to its previous setting
- b. left mouse key click on 'Reminder' icon: opens 'Reminder' window for this 'Application Settings' window
- c. left mouse click on 'Help' icon: opens the Help System, searches for the section on the 'Application Settings' window.

4) Keyboard shortcuts

To be determined

**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.