

GUI_Logging – Logging, Errors, Warnings, Messages

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SCOPE

This GUI module displays in a frame a scrollable text view of an HRE log file. HRE can create a number of log files from different operations, such as importing, global utility operations, messaging, database changes, warnings, errors, etc. These logs can be displayed in chronological order or most recent at the top. This is used automatically in association with warning and error display screens. All logs can be viewed from the Tools menu entries. Some of these logs are external text files, while others are encoded string files which are transformed into human readable form for their display in this screen. Other logging tools can report on changes to database records in a user's session, etc.

LOOK AND FEEL

The contents of the resizable Logging frame have 4 components:

1. The type of the log and the date/times of the first and last entry
2. A collection of command buttons to help the review of the log:
 - "Configure" to select the settings for the display
 - "Start Copy" and "End Copy" to define the content to be "Output"
 - "Output" to print or output a section of the log as a text file
 - "Mark" to search for a string and highlight it
 - "Clear" to remove marks.
3. A scrollable text pane for the log entries.

[Needs a mockup diagram here]

USED BY: Almost any module.

METHODS

The fundamental operations are:

1. Open the Logging screen according to its saved Frame Layout (BR_PanelConfig)
2. Populate the display with text and buttons
3. Act on the command buttons.

AUXILIARY DATA USED

1. No direct access to databases.

REQUIRED SERVICES

1. GUI_PanelConfigEdit
2. BR_Setting
3. BR_PanelConfig
4. BR_Logging
5. BR_EncodedString
6. BR_EntityLink.