

## GUI\_Logging – Logging

### Revision history

2017-02-21	Robin Lamacraft	Original draft
2018-04-05	John Lucas	Miscellaneous corrections and comments for improvement
2018-04-07	Robin Lamacraft	Expanded Scope section and further described screen makeup
2018-06-03	Don Ferguson	Added Log screen mockup from Rod Thompson; other minor edits
2019-06-22	Don Ferguson	Replace mockup with real screen Adjust text to matched coded module (especially replacement of output functions with a call to 05.31 Output)
2023-07-16	Don Ferguson	Align with Build 30

### SCOPE

This GUI module is called from the Main Menu item Reports -> Logging.

It displays in a window a scrollable text view of an HRE log file, as chosen by the User.

HRE can create a number of log entries from different operations, such as importing, global utility operations, messaging, database changes, warnings, errors, etc. These log entries can be displayed in chronological order or sorted on any field.

Other logging functions report on changes to database records in a user's session, etc and these 'commit log' entries will be stored in the project database.

Log entries displayed may be selected by use of standard Window's methods of selecting groups of items, namely Left Click to mark the start of a group and Shift+Left Click to mark the end of a group, and/or Shift+Left Click for additional individual items.

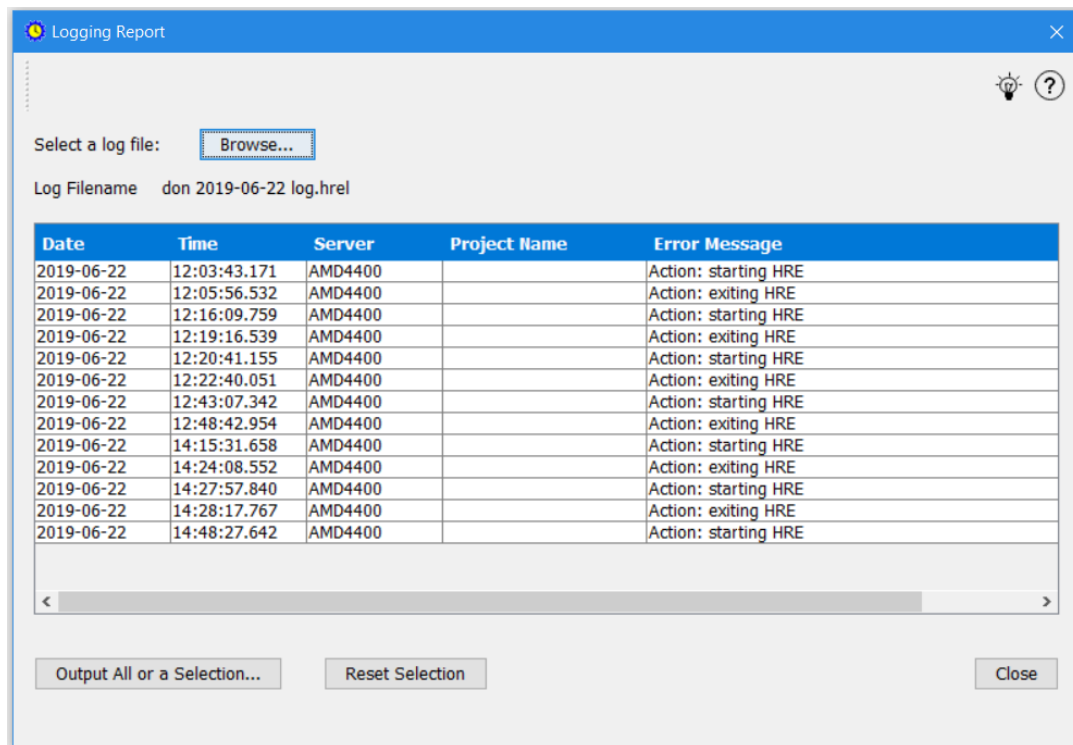
### Issues:

- 1) A method to search the log file for a string, and highlight a match or matches found needs to be defined.

### LOOK AND FEEL

The resizable Logging window has 5 sections:

1. A set of icons
  - a "Help" icon displays context Help about use of this window
2. A section to allow for browsing for the appropriate log and display of the selected log's filename
3. A scrollable text pane for the log entries
4. Buttons for Output of all items or selected items; for Reset of the selection and Close.



LOGGING Window

## LOGGING

General use of this module will not create log entries.

## EVENT ACTIONS

- 1) Keyboard actions
  - See SCOPE for special keyboard actions for record selections
- 2) Mouse actions
  - Left key
    - a. click on 'Browse' invokes 05.77 FileChooser for log file selection
    - b. click on the 'Reset' button removes any previously made selections
    - c. click on the button 'Output' invokes 05.31 Output for sending file to print or a file
    - d. click on the 'Close' button, cancels any actions taken, and closes the window
    - NOTE – Warning
    - e. click on icons (detailed below).
- 3) Icon actions
  - a. left mouse key click on the 'X' icon - closes the window
    - NOTE: Same action as in use of the 'Close' button
  - b. left mouse click on 'Help' icon:
    - (opens the Help System).