GUI UserInterface – Main Menu Overview

Revision history

2017-04-10	Don Ferguson	Original draft
2018-05-26	Rod Thompson	Added diagrams, actions, maps

SCOPE

This is the HRE program executable and controls, via user action, all other HRE functions.

LOOK AND FEEL

The initial window should be centred within the user's main monitor, showing the HRE main menu at the top and optionally, as per saved panel configuration settings, display the HRE splash screen (logo, version, disclaimers, etc) which is also part of this module.

The main menu and sub-menu items are (currently committed for HRE versions 0.1 - 0.3 ONLY):
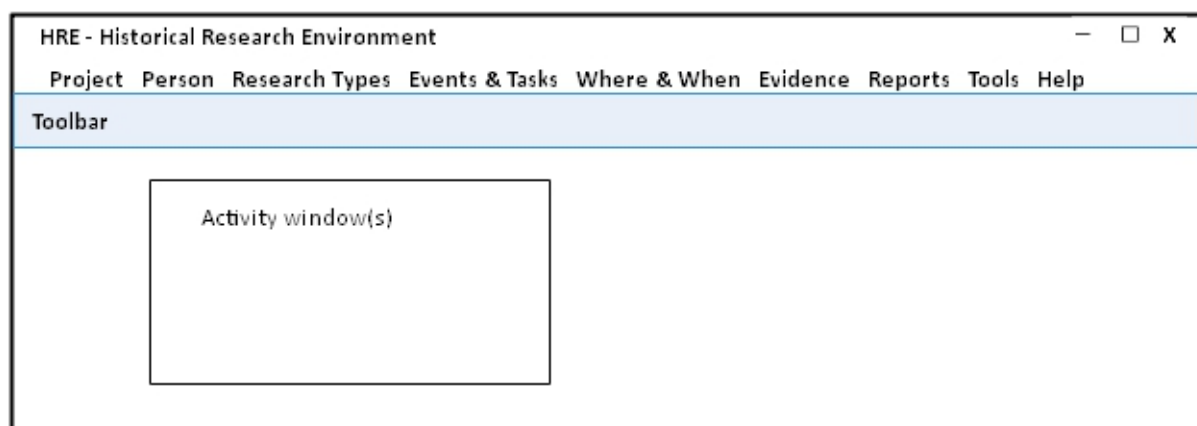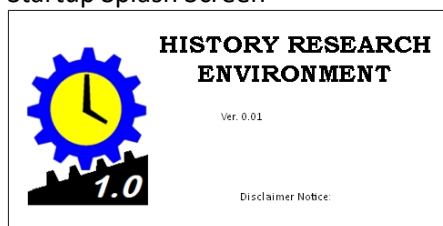
- Project
    - Open   invokes GUI_OpenProject
    - Recent   "   GUI_ProjectRecent
    - New   "   GUI_ProjectNew
    - Backup   "   GUI_ProjectBackup
    - Restore   "   GUI_ProjectRestore
    - Close   "   GUI_ProjectClose
    - Copy As   "   GUI_ProjectCopyAs
    - Rename   "   GUI_ProjectRename
    - Delete   "   GUI_ProjectDelete
    - Import from TMG   ….."   GUI_ProjectImportTMG (added in v0.2)
    - Close and Exit   "   GUI_ExitHRE
- Person   (functionality added in v0.2)
    - Select By ID, etc   invokes GUI_EntitySelect
    - Recently Used   "   GUI_RecentVisit
    - Manage Persons
        - Add   "   GUI_EntityEdit
        - Delete   "   GUI_EntityDelete
        - Edit   "   GUI_EntityEdit
    - Manage Name Style Definitions
        - Add   "   GUI_NameStyleEdit
        - Delete   "   GUI_NameStyleDelete
        - Edit   "   GUI_NameStyleEdit
    - Manage Person Flags
        - Add   "   GUI_EntityEdit
        - Delete   "   GUI_EntityDelete
        - Edit   "   GUI_EntityEdit
    - Manage Person Notepads
        - Add   "   GUI_EntityEdit
        - Delete   "   GUI_EntityDelete
        - Edit   "   GUI_EntityEdit
    - Manage Person Accents
        - Select   "   GUI_AccentSelect
        - Link to Flag   "   GUI_AccentLink
        - Delete   "   GUI_AccentDelete
        - Edit   "   GUI_AccentEdit

- o Associates   (functionality added in v0.3)
- Research Types   (functionality added later)
- Events & Tasks
  - o Events   (functionality added in v0.3)
  - o Tasks   (functionality added in v0.3)
- Where & When
  - o Location
    - Select By ID, etc   invokes GUI_EntitySelect
    - Recently Used   "   GUI_RecentVisit
    - Manage Locations
      - Add   "   GUI_EntityEdit
      - Delete   "   GUI_EntityDelete
      - Edit   "   GUI_EntityEdit
    - Manage Location Name Style Definitions
      - Add   "   GUI_NameStyleEdit
      - Delete   "   GUI_NameStyleDelete
      - Edit   "   GUI_NameStyleEdit
  - o Historical Dates   (needs further input once GUI_HistoricalDates developed)
    - Select By Date, etc   invokes GUI_EntitySelect
    - Recently Used   "   GUI_RecentVisit
    - Manage Historical Dates
      - Add   "   GUI_EntityEdit
      - Delete   "   GUI_EntityDelete
      - Edit   "   GUI_EntityEdit
    - Tools   (functionality added in v0.3)
      - Date Converter
      - Date Calculator
  - o Occasions   (functionality added in v0.3)
- Evidence
  - o Sources   (functionality added in v0.4)
  - o Citations   (functionality added in v0.4)
  - o Repositories   (functionality added in v0.4)
- Reports (functionality added in v0.6+)
- Tools
  - o Settings
    - Client   invokes GUI_AppSettings
    - User   ditto
    - Server   ditto
    - Monitor   ditto
    - GUI Language   ditto
    - Persons   invokes GUI_ProjectSettings (added in v0.2)
    - Project   invokes GUI_ProjectSettings
    - Location   ditto
    - Events   (added in v0.3)
    - Tasks   (added in v0.3)
    - Occasions   (added in v0.3)
    - Historical Dates invokes GUI_ProjectSettings
    - Sources   (added in v0.4)
    - Source Name Styles   (added in v0.4)
    - Repository   (added in v0.4)
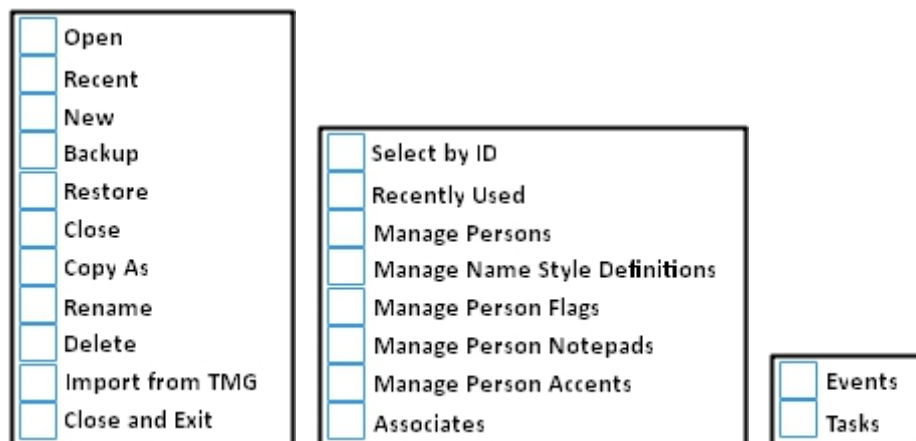   - Repository/Source links (added in v0.4)

- o Application Language
  - ▪ Select invokes GUI_AppLanguageSelect
  - ▪ Delete " GUI_AppLanguageDelete
  - ▪ Edit " GUI_AppLanguageEdit
- o User Language
  - ▪ Select invokes GUI_UserLanguageSelect
  - ▪ Delete " GUI_UserLanguageDelete
  - ▪ Edit " GUI_UserLanguageEdit
- Help
  - o Search Help invokes GUI_Help
  - o HRE website (connects to www.historyresearchenvironment.org)
  - o About HRE (splash screen).

Further additions to the sub-menus will be defined in later HRE documentation updates.

Startup Splash Screen

HISTORY RESEARCH
ENVIRONMENT

Ver. 0.01

1.0

Disclaimer Notice:

HRE - Historical Research Environment — □ X

Project   Person   Research Types   Events & Tasks   Where & When   Evidence   Reports   Tools   Help

Toolbar

Activity window(s)

Menu sub-windows

Open
Recent
New
Backup
Restore
Close
Copy As
Rename
Delete
Import from TMG
Close and Exit

Select by ID
Recently Used
Manage Persons
Manage Name Style Definitions
Manage Person Flags
Manage Person Notepads
Manage Person Accents
Associates

Events
Tasks

	Location		Sources		Settings		Search Help
	Historical Dates		Citations		Application Language		HRE website
	Occasions		Repositories		User Language		About HRE

Note: In the above illustrations of the menu pulldowns, the blue square indicates only the possible location of an icon. This space will otherwise be blank.

ACTIONS
The fundamental operations are:
1. Open the program with the main program menu according to its saved Screen Layout (BR_PanelConfig)
2. Action user menu selections as per 'Look and Feel' section above.

USED BY
All HRE users.

DATA CONTROLLED BY THIS MODULE
1. None.

REQUIRED DATA CONTROLLED BY OTHER MODULES
1. None.

REQUIRED SERVICES
1. GUI modules as defined in 'Look and Feel' section above
2. BR_PanelConfig.

EVENT ACTIONS
1) Keyboard actions
   Not applicable

2) Mouse actions
   <u>Left key</u>
   a. Mouse key click on main Menu labels, opens a pulldown window for the elected menu, and allows further selection of the sub-menu items using an icon or name
   b. Mouse key click on icons (detailed below)
   <u>Right key</u>
   To be determined

3) Icon actions
   a. left mouse key click on icons in the Window Control group:
      a. 'X' icon
         (closes the window)
      b. 'Box' icon
         Toggles the window size between full screen, and the preset window size
      c. '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

4) Keyboard shortcuts
      To be determines

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.

WINDOW INTERACTION MAPS

Help Menu Window

"Search Help" → G_05.14 Help

"HRE website" → G_04.03 ProjectRecent

"About HRE" → G_04.04 ProjectNew

Events & Tasks Menu Window

"Events" → G_xx.xx Events

"HRE website" → G_04.03 ProjectRecent

Where & When Menu Window

"Location" → G_xx.xx Locations

"Historical Dates" → G_xx.xx Historical Dates

"Occasions" → G_xx.xx Occasions

Evidence Menu Window

"Sources" → G_xx.xx Sources

"Citations" → G_xx.xx Citations

"Repositories" → G_xx.xx Repositories

Tools Menu

"Settings" → G_xx.xx Settings

"Application Language" → G_xx.xx Application Language

"User Language" → G_xx.xx User Language