GUI_ProjectSummary – Show Project Summary

Revision history

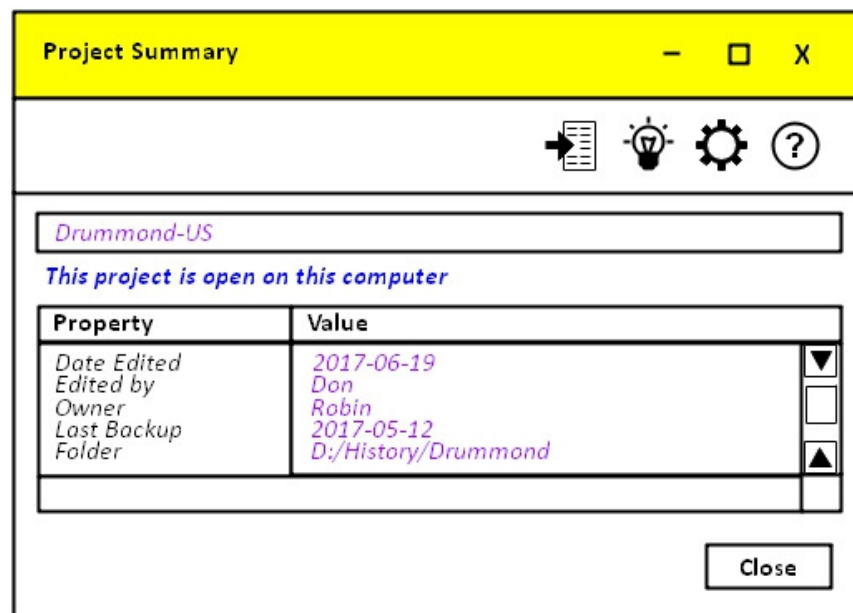| 2017-06-21	Robin Lamacraft	Original draft
2018-03-29	John Lucas	Added Notes, other minor changes
2018-06-12	Rod Thompson	Replace 'screen' with 'window'
		Replace BR_PanelConfig with BR_WindowConfig
		Replace GUI_Notification with GUI_Message Patterns
		Amend REQUIRED SERVICES – Dependencies
		Add EVENT ACTIONS
		Amend LOOK & FEEL for icons
		Add WINDOWS INTERACTION MAP
		Add PROCESS FLOW CHART
2018-07-07	Rod Thompson	Add TESTING
		Add USE CASES
2018-07-17	Don Ferguson	Minor edits throughout

SCOPE

This GUI module is called from a number of GUI_Project xxx modules. NOTE: This module can operate on a project that is opened or one that is selected to be restored.

LOOK AND FEEL

The window has several parts:

- The upper right icon buttons provide the following universal features:
  - the 'Output' icon enables Output of the project properties list by sending the contents of the Project Properties tabular display to a file or to a printer
  - the 'Reminder' icon displays the Reminder content for this window
  - the 'Configuration' icon enables the user to create and retrieve recent and/or favorite Configurations of this window's layout
  - the 'Help' icon displays context Help about the use of this window
- A scrollable display area which shows all of the properties of the currently selected project. The list of sizes, etc of the project components will be added to this scrollable list as they become available from the project database
- The "Close "button which closes this window.

PROJECT SUMMARY Window - mockup

ACTIONS
The fundamental operations are:
1. Open the window according to its saved window Layout (BR_WindowConfig)
2. Populate the scrollable list of Project Properties
3. Close the window and return.

NOTES
1. The status text in blue may have several alternative values, such as:
   - This project open on a remote computer
   - This shared project open on a remote computer
   - This project is backed up on this computer
2. The list of Properties to be output is to be composed using the substitution capability. This would mean that the 'Configuration' icon button could have a number of alternative lists of the properties and their order of output.
   The properties could depend on the type of Project and hence one user might want (say) a count of the number of Persons, the number of Sources, the number of Events, number of Images; whereas another Project focused on Artefacts might require a different summary. This style of list layout is likely to be repeated for showing the properties of many other entities. It will have a variant as the data entry window for things like multi-part names where default values and buttons to open editors for complex data. So getting a standard template for this is very useful.

USED BY
All HRE users.

DATA CONTROLLED BY THIS MODULE
1. None.

REQUIRED DATA CONTROLLED BY OTHER MODULES
1. None.

REQUIRED SERVICES - Dependencies

First-Order Dependencies	Second-Order Dependencies (if not already listed)	Higher-Order Dependencies (if not already listed)
05.31 GUI_Output		
07.17 BR_WindowConfig	07.06 BR_GuiElement 07.02 BR_EntityLink 07.29 BR_Translation 07.16 BR_Message Patterns	
07.21 BR_Project	07.06 BR_GuiElement 07.02 BR_EntityLink 07.29 BR_Translation 07.03 BR_FieldDefinition	
07.16 BR_MessagePatterns	NIL	

APPLICATION PROGRAMMING INTERFACE (API)

1. Two calls:
   a. For a currently open project
   b. For a project that is not open, but a backup file is available.

EVENT ACTIONS

1) Keyboard actions
   NIL
2) Mouse actions
   Left key
   a. click on each button, operates the button
   b. 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)
      b. 'Box' icon
         Toggles the window size between full window, and the preset window size
      c. 'Dash' icon
         Minimizes the window, to an icon on the window toolbar.
         A click on the toolbar icon restores the display to its previous setting
   b. Left mouse key click on the 'Output' icon:
      invokes the GUI_Output module.
   c. left mouse key click on 'Reminder' icon:
      (opens 'Reminder' window for this 'Send to Colleague' Message display)
   d. left mouse key click on the 'Configuration' icon
      (opens the Configuration Window for this Project Open window)
   e. left mouse click on 'Help ' icon:
      (opens the Help System, searches for the section on 'Send to Colleague Message')
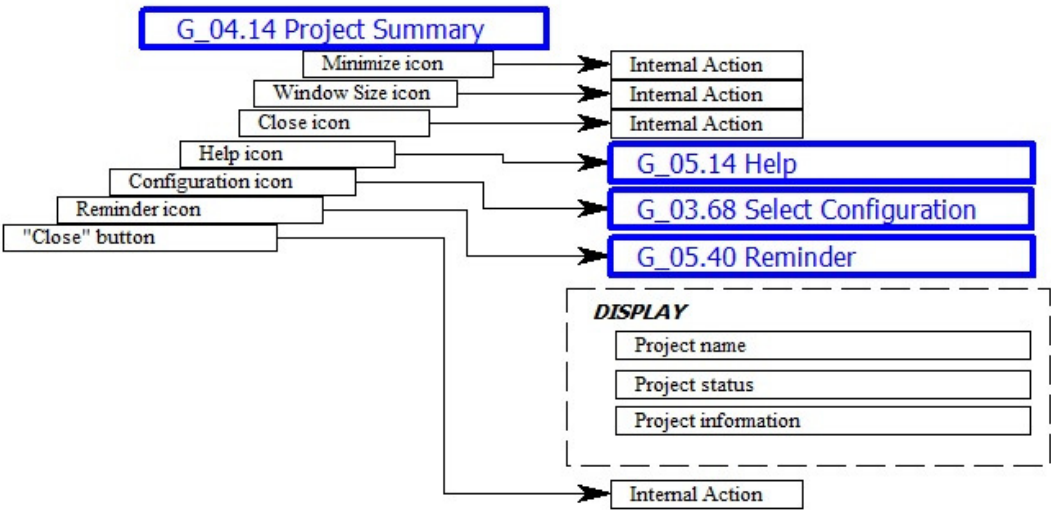4) Keyboard shortcuts
   To be determined

WARNING CONDITIONS

1. Need details of the condition that raised the warning, example message and possible next steps. (GUI_Message Patterns used to report warnings to user)
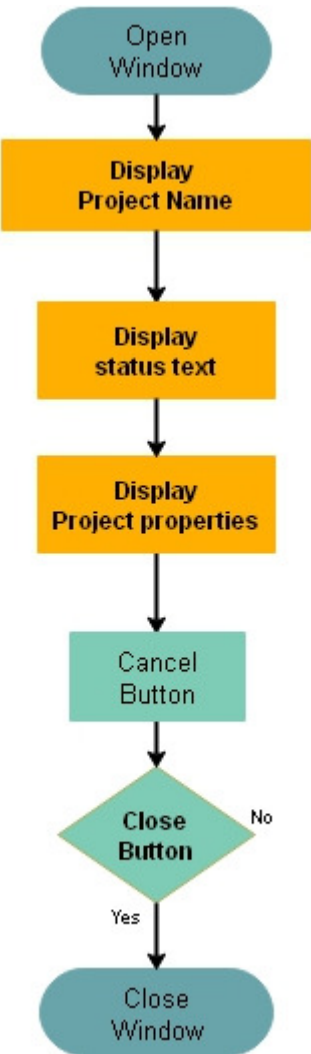
ERROR CONDITIONS

1. Need to record the condition that raised the error, example message and possible next steps. (GUI_Message Patterns used to report warnings to user)

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WINDOW INTERACTION MAP

G_04.14 Project Summary	
Minimize icon	→ Internal Action
Window Size icon	→ Internal Action
Close icon	→ Internal Action
Help icon	→ G_05.14 Help
Configuration icon	→ G_03.68 Select Configuration
Reminder icon	→ G_05.40 Reminder
"Close" button	

DISPLAY
- Project name
- Project status
- Project information

→ Internal Action

PROCESS FLOW CHART

Open Window
↓
Display Project Name
↓
Display status text
↓
Display Project properties
↓
Cancel Button
↓
Close Button — No
↓ Yes
Close Window

USE CASES

The Project Summary module is called from other modules, to provide a display of a set of properties of each project.

It is not envisaged that there will be any change to requirements for this module as a result of different uses of HRE.

TESTING

Testing to prove the functionality of this module in use with others of the HRE application.

Limited 'Project' functionality (see below).

Prior testing of the module in the code development process is assumed.

General requirements	Code element requirements
HRE installation	Main GUI
1) Single computer	Project Open
2) Client-Server	Project Close
3) Test Project database backup fileset (created by the HRE backup process).	ExitHRE

Process
1) Run HRE
   a. Start HRE
   b. Open a Test Project
   c. Use the Summary button to invoke this module for testing
   d. Close the Project
   e. Exit HRE
2) Check result (how?)
   Note – property content of the display is dependent on configuration.

See Test Plan document.