

## GUI\_ProjectSummary

### 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 GUI_Notification with GUI_Message Patterns Amend REQUIRED SERVICES – Dependencies Add EVENT ACTIONS Amend LOOK & FEEL for icons Add PROCESS FLOW CHART
2018-07-07	Rod Thompson	Add TESTING; Add USE CASES
2018-07-17	Don Ferguson	Minor edits throughout
2018-11-14	Rod Thompson	Remove 'Configuration' icon Replace Graphic & Window Interaction Map Add display location to LOOK AND FEEL Add Issues to SCOPE Add LOGGING section Update REQUIRED SERVICES – Dependencies
2019-01-26	Rod Thompson	Replace graphics Revise EVENT ACTIONS-icon actions Replace Process Flowchart Additions to ACTIONS and NOTES
2019-01-26	Rod Thompson	Replace Process flowchart; Amend NOTE 1; Revise ACTIONS 2
2019-02-02	Rod Thompson	REQUIRED DATA – revise; LOGGING – amend; Replace Process Flowchart; TESTING – amend
2019-02-20	Rod Thompson	Replace Process Flowchart (v5)
2020-02-27	Don Ferguson	Align with actual code (Build 19)

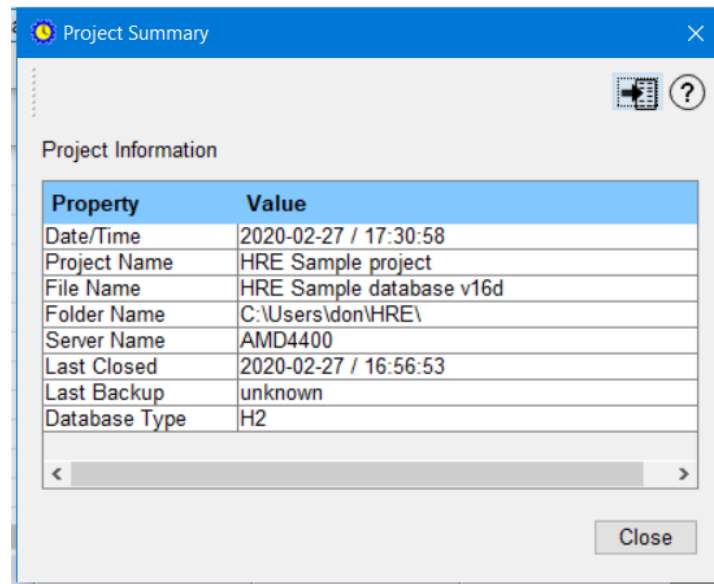
### SCOPE

This GUI module is called from a number of GUI\_Project modules.

### 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 '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

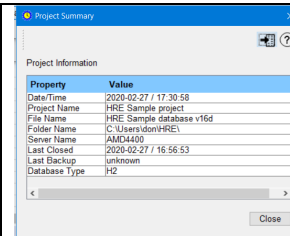
Shape, Size, Color, Layout etc. determined in design.

#### On screen location

Initially inherited from the calling Project window

Located below and right of the calling 'Summary' button

On screen location and shape are the only User changeable settings



## ACTIONS

The fundamental operations are:

1. Open the window
2. Display a scrollable list of project properties as provided by the caller
3. Close the window and return.

## USED BY

All HRE users.

## DATA CONTROLLED BY THIS MODULE

1. None.

## REQUIRED DATA CONTROLLED BY OTHER MODULES

1. Project properties.

## REQUIRED SERVICES - Dependencies

First-Order Dependencies	Second-Order Dependencies
05.31 GUI_Output	
05.14 GUI Help	

## 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.

## LOGGING

Use of this module **will** create log entries.

Commit Logging – NIL

General Log: Module ID, Date, Time and Event record

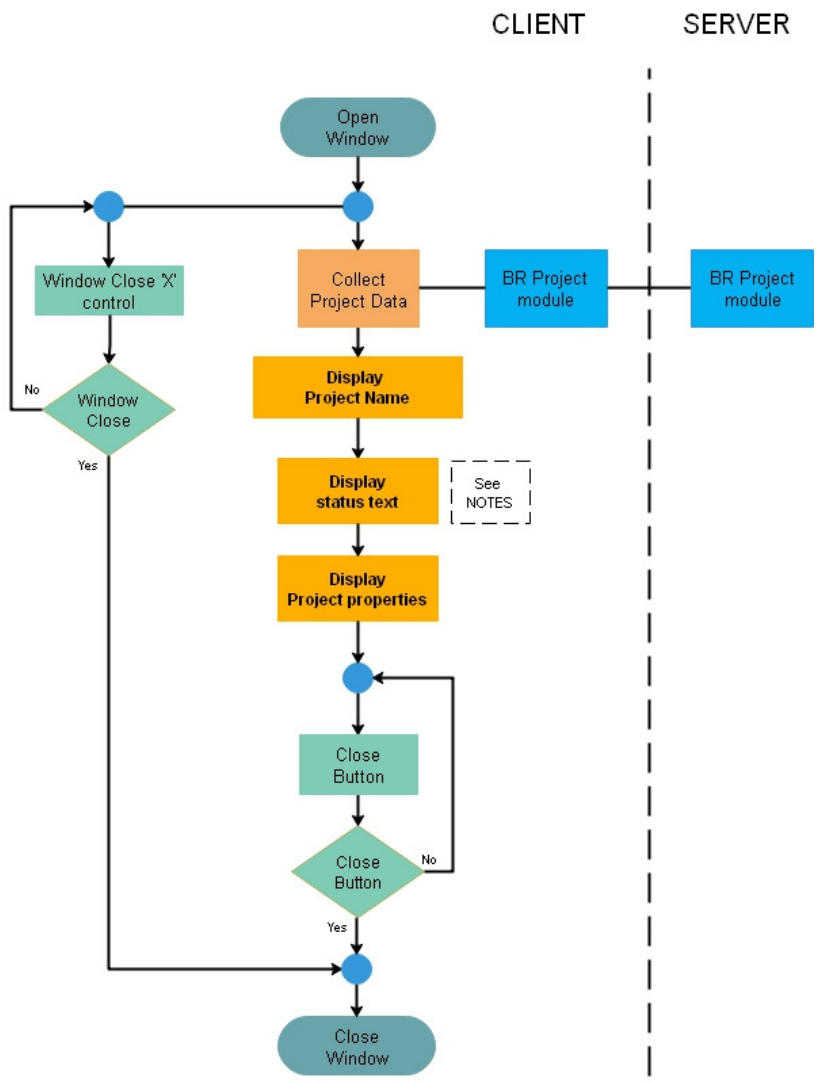
## EVENT ACTIONS

- 1) Keyboard actions  
NIL
- 2) Mouse actions  
Drag and drop mouse actions to move and resize the window  
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:  
'X' icon (closes the window)
  - b. Left mouse key click on the 'Output' icon:  
invokes the GUI\_Output module.
  - c. left mouse click on 'Help' icon:  
(opens the Help System, searches for the section on 'Project Summary')
- 4) Keyboard shortcuts  
**To be determined**

## ERROR/WARNING CONDITIONS

- 1. **Need details of the condition that raised the warning, example message**

PROCESS FLOW CHART



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.

<u>General requirements</u>	<u>Code element requirements</u>
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?)
  - a. Confirm General Log entries