GUI_WINDOW OUTPUT

Revision history

2018-05-14	Robin Lamacraft	Original draft
2018-05-30	Rod Thompson	Added diagrams, maps, revised all text
2018-06-01	Don Ferguson	Minor edits, added note on printer defaults

WINDOW OUTPUT GUI

This window is reached by any use of the "Output" Icon on the tool bar of another window. It provides a quick way for the user to either print what is displayed in the window or to save that content to a file for later use. The content can be printed or formatted in a standard manner for use with other applications.

GUI ELEMENT USE	ELEMENT TYPE	DESCRIPTION
TOP BAR	HEADING TEXT	blank or translation of "Window Output"
TOP BAR	RIGHT BUTTON	Only an "X" to "Close" the window equivalent of "Cancel"
LABEL	FIXED PLAIN TEXT	"Requesting Window"
CONTEXT	RETRIEVED PLAIN TEXT	The label of the window that made this request to output its contents
CHOICE 1	RADIO BUTTON	"Output to Printer" – when set the Output to Printer panel is visible. Also set on opening
CHOICE 2	RADIO BUTTON	"Output to File" – when set the Output to File panel is visible
Append "Output to Printer" or "Save to file" panels here		

WINDOW OUTPUT GUI – Mockup

OUTPUT TO PRINTER PANEL:
This panel controls the settings for "Output to Printer" including default printer and page size settings, limited formats for text output.
NOTE: this panel should possibly be replaced by whatever printer options are provided by the local OS's default (or chosen) printer driver.

GUI ELEMENT USE	ELEMENT TYPE	DESCRIPTION
LABEL	FIXED PLAIN TEXT	"Select Printer"
COMMAND A	BUTTON	"Select Printer and Properties" button – uses local OS to select a printer
LABEL	RETRIEVED PLAIN TEXT	<Printer Name>
LABEL	FIXED PLAIN TEXT	"Page Size"
PAGE SIZE	PLAIN TEXT VALUE	<Page Size Name>
LABEL	FIXED PLAIN TEXT	"Page Orientation"
PORTTRAIT LANDSCAPE	PLAIN TEXT VALUE	<Page Orientation Name>
LABEL	FIXED PLAIN TEXT	"Top Margin Height"
TOP MARGIN HEIGHT	PLAIN POSITIVE INTEGER VALUE	If empty then use default
LABEL	FIXED PLAIN TEXT	"Left Margin Width"
LEFT MARGIN WIDTH	PLAIN POSITIVE INTEGER VALUE	If empty then use default
LABEL	FIXED PLAIN TEXT	"Bottom Margin Height"
BOTTOM MARGIN HEIGHT	PLAIN POSITIVE INTEGER VALUE	If empty then use default
LABEL	FIXED PLAIN TEXT	"Right Margin Width"
RIGHT MARGIN WIDTH	PLAIN POSITIVE INTEGER VALUE	If empty then use default
HEADER TEXT	FIXED PLAIN TEXT	<first line of output> Omit if blank
TRAILER TEXT	FIXED PLAIN TEXT	<last line of output> Omit if blank
COMMAND A	BUTTON	"Print" button – send content to printer and close
COMMAND A	BUTTON	"Cancel" button – close without printing

Select Printer

| Select Printer and Properties |

Printer name

Page Size	Page Size
Page Orientation	Page Orientation
Top Margin Height	Top Margin Height
Left Margin Width	Left Margin Width
Bottom Margin Height	Bottom Margin Height
Right Margin Width	Right Margin Width

| Header Text |

| Trailer Text |

| Print | | Cancel |

PRINTER Output Panel – Mockup

OUTPUT TO FILE PANEL:
This panel controls the settings for "Output to File"

GUI ELEMENT USE	ELEMENT TYPE	DESCRIPTION
LABEL	FIXED PLAIN TEXT	"File Output"
COMMAND A	BUTTON	"Select Folder" button – uses local OS to select a folder
LABEL	RETRIEVED PLAIN TEXT	<Folder Path>
LABEL	FIXED PLAIN TEXT	"Default File Name"
FILE NAME	PLAIN TEXT VALUE	<User entry>
DATE	CHECK BOX	"Append date time to file name" If checked then file name includes time/date of creation
LABEL	FIXED PLAIN TEXT	"File Output Format"
SELECTION	FIXED VERTICAL SCROLLABLE PLAIN TEXT LIST	The initial set of file output formats are: • TXT– plain text • CSV – comma separated variable • TSV – tab separated variable
COMMAND A	BUTTON	"Save" button – write and close
COMMAND A	BUTTON	"Cancel" button – close without saving

FILE Output Panel – Mockup

USED BY

All HRE users.

DATA CONTROLLED BY THIS MODULE

Data chosen by user to be output to printer or file.

REQUIRED DATA CONTROLLED BY OTHER MODULES

1.   None.

REQUIRED SERVICES

1.   Need details

APPLICATION PROGRAMMING INTERFACE (API)

1.   Need Details.

EVENT ACTIONS

1)   Keyboard actions
     NIL

2)   Mouse actions
     <u>Left key</u>
        a.   Mouse hover over slider bar, hold key down and drag slider bar up or down
        b.   Mouse key tap in slide bar box cause up or down movement.
        c.   Click on each button, operates the button
        d.   Click on Check Box, 'selects' or 'de-selects' the defined action
        e.   Click on 'un-checked' radio button, selects that button, and 'de-selects' the other.
     <u>Right key</u>
        Action to be determined.

3)   Icon actions
     left mouse key click on the 'X' icon, closes the window.

4)   Keyboard shortcuts
     To be determined.

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 MAP

G_05.31 Output

"Close" icon	Internal Action
Radio Button (Printer)	Internal Action
Radio Button (File)	Internal Action

OUTPUT TO PRINTER

Add detail to window

"Printers" selection pull-down
"Print" button

Format selector-pull-down	Internal Action
Auto Heading Checkbox	Internal Action

Operating System - Printer Selection

Display properties

Operating System - Print dialog

"Cancel"	Internal Action
"Close"	Internal Action

OUTPUT TO FILE

Add details to window

"Select Folder" button → Operating System - File Save

Internal Action (Display Folder Path)

Enter filename → Operating System - File Save

Checkbox-Append Date/Time to filename → Operating System - File Save

"File Format" selection → Operating System - File Save

"Save" button → Operating System - File Save

"Cancel"	Internal Action