

# GUI Icon-Text Format

## Revision history

2018-05-18	Rod Thompson	Original draft
2018-05-21	Rod Thompson	Inserted diagrams, actions

## SCOPE

Icons are used extensively throughout the HRE application, in all window displays.

This document details use of the 'Text format' icons.

These are used in the Message Editor, enabling the user to format text.

Each icon is in fact a button control, with a unique image that identifies its use without additional descriptive text.

## LOOK AND FEEL

Color icons may be used in the main application window.

Icon fill colors change under different use conditions.

(NB: possible issues as the user changes background palette)

Black & White icons may be used in sub-windows.

### 1. Bold

If the text selected has no Bold style, the icon will have no fill.

If the text selected has a Bold style, the icon will have a light grey fill.

Use of the icon control, changes the selected text and the icon fill.

### 2. Italic

If the text selected has no Italic style, the icon will have no fill.

If the text selected has a Italic style, the icon will have a light grey fill.

Use of the icon control, changes the selected text and the icon fill.

### 3. Underline

Note: Single line underscore only.

If the text selected has no Underline style, the icon will have no fill.

If the text selected has a Underline style, the icon will have a light grey fill.

Use of the icon control, changes the selected text and the icon fill.

### 4. Format

Under normal conditions, the icon will have no fill.

With a mouse hover (cursor) over the icon, the lower portion of the icon, with the pulldown symbol, will have a light grey fill.

When the pulldown is operated, the whole outline area of the icon will have a light grey fill.

### 5. Highlight

Under normal conditions, the icon will be filled (highlight yellow).

With a mouse hover (cursor) over the icon, the lower portion of the icon, with the pulldown symbol, will have a light grey fill.













When the pulldown is operated, the whole outline area of the icon will have a light grey fill.

A secondary window opens below the icon, displaying a limited color palette.

## LABEL

Bold, Italic, Underline, Font, Highlight

## IMAGE

 <p>File: Text Format_Ver2a(Bold) (24x24).ico</p>	 <p>File: Text Format_Ver2b(Bold) (24x24).ico</p>	
 <p>File: Text Format_Ver2a(Italic) (24x24).ico</p>	 <p>File: Text Format_Ver2b(Italic) (24x24).ico</p>	
 <p>File: Text Format_Ver2a(Underline) (24x24).ico</p>	 <p>File: Text Format_Ver2b(Underline) (24x24).ico</p>	
 <p>File: Text Format_Ver3a(Font) (24x24).ico</p>	 <p>File: Text Format_Ver3b(Font) (24x24).ico</p>	 <p>File: Text Format_Ver3c(Font) (24x24).ico</p>
 <p>File: Text Format_Ver3a(Highlight) (24x24).ico</p>	 <p>File: Text Format_Ver3b(Highlight) (24x24).ico</p>	 <p>File: Text Format_Ver3c(Highlight) (24x24).ico</p>

## ACTIONS

Selection of any of these buttons will allow the format of selected text in the Message Editor text window to be modified as required by the user.

It is assumed that the software development toolbox provides the tools to implement these actions. A single operation of the icon button causes the desired action, or in the case of font selection or highlighting icons, the pull-down opens an appropriate selection window.

NOTE: The displays provided below are possible layouts (and yet to be finalised).

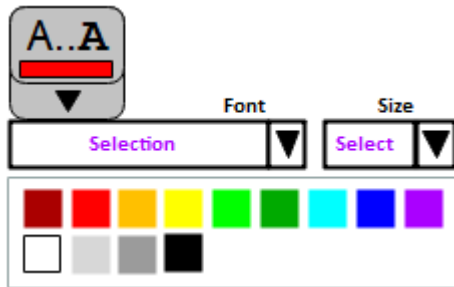
They are not necessarily the size to be used.

The software development system may include ready-made tools.

### Font Selection

A window is opened (located attached to the bottom of the 'Font' icon).

This allows selection of the 'font style', the 'font size', and a color palette is provided to select the font color.



### Highlight Selection

A color palette window is opened (located as attached to the bottom of the 'Highlight' icon).

Selections provide a simple range across the color spectrum



### HOVER HINT

Main Icons	Font selection	Highlight selection (colors)
Bold (Ctrl+b)	Font Pick a new font	Yellow
Italic (Ctrl+i)	Font Size Pick the font size	Bright Green
Underline (Ctrl+u)	Dark Red	Turquoise
Font	Red	Pink
Highlighr	Orange	Blue
	Yellow	Red
	Light Green	Dark Blue
	Green	Teal
	Light Blue	Green
	Blue	Violet
	Dark Blue	Dark Red
	Purple	Dark Yellow
	White	Grey (50%)
	Grey (50%)	Grey (25%)
	Grey (25%)	Black
	Black	No Color

**USED BY**

GUI_Message Editor	

**EVENT ACTIONS**

1. Use of the 'Bold' icon/button, causes selected text, to converted from 'normal' to 'bold' format. A second use of the button converts the selected text from 'bold' to normal.
2. Use of the 'Italic' icon/button, causes selected text, to converted from 'normal' to 'italic' format. A second use of the button converts the selected text from 'italic' to normal.
3. Use of the 'Underline' icon/button, causes selected text, to converted from 'normal' to 'underline' format. A second use of the button converts the selected text from 'underline' to normal.
4. Use of the pulldown on the 'Font' icon/button, opens a sub-window which provides additional independent controls to select the font style, the font size and the font color from a set of selections. Each selection causes the relevant change, and exits the process.
5. Use of the pulldown on the 'Highlight' icon/button, opens a sub-window which provides a limited set of selectable colors, used to highlight text. Selection of a highlight color completes the selection, and exits the process.
6. A mouse hover (cursor) over each of the elements causes display of the Hover Hint.

**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.