

Appendix A: System Settings File

A.1 Overview

IVP Batch Builder is a graphical user interface written in Java. Realizing that its appearance may differ on different systems, a system settings file has been created which will enable a user to tailor the appearance of IVP Batch Builder specifically for the system on which it is running. This appendix describes that file.

A.2 Required Apps-Defaults Tokens

The following apps-defaults token must be set in order for the system settings file to be found:

`vsys_dir`

The file is assumed to exist in the directory `$(vsys_dir)/app-defaults` with the name `IVPBB_SYSTEM_FILE.txt`.

A.3 System Settings File

The system settings file uses the same file format as an IVP Batch Program batch file. However, rather than being read in sequentially, it is processed and stored at run-time so that each GUI component can extract the settings that pertain to it. If a command is given more than once within the system settings file, the last instance will over-ride the earlier instances.

A.3.1 Commands

Commands, indicated in **bold**, set parameter values that control the appearance of IVP Batch Program. The `<value>` on the line of the batch input file that contains the command usually must follow a specific format, depending on that command. Acceptable Values are listed for each command. The default value shown is the value assumed if the system settings command is not found.

The following are IVP Batch Program system settings commands:

ButtonFont = ``

Description: Controls the font used for all buttons in IVP Batch Builder.

Acceptable Values: Any font string (see Section A.4)

Default Value: "Courier;plain;12"

CommandListFont = ``

Description: Controls the font used within the **Command List**.

Acceptable Values: Any font string (see Section A.4)

Default Value: "TimesRoman;bold;11"

CommandListLabelFont = ``

Description: Controls the font used for the title label above the **Command List**.

Acceptable Values: Any font string (see Section A.4)

Default Value: "TimesRoman;bold;12"

CommandListWidth = <number>

Description: Controls the pixel width of the **Command List** panel shown on the left of the main window.

Acceptable Values: positive integer value.

Default Value: 500

**CommandPanelLabelFont = **

Description: Controls the font used on labels within the command panels.

Acceptable Values: Any font string (see Section A.4)

Default Value: "Courier;plain;12"

**CommandPanelListFont = **

Description: Controls the font used in lists and text fields in the command panels.

Acceptable Values: Any font string (see Section A.4)

Default Value: "Courier;plain;12"

CommandPanelWidth = <number>

Description: Controls the pixel width of the command panels shown on the left of the main window.

Acceptable Values: positive integer value.

Default Value: 400

MainWindowWidth = <number>

Description: Controls the pixel height of the main window.

Acceptable Values: positive integer value.

Default Value: 600

*NOTE: The **CommandPanelWidth** and **CommandListWidth** are used to control the total width of the main window. They are summed for the total width, and then the command panels and **Command List** are sized.*

**MenuFont = **

Description: Controls the font used for all menus in IVP Batch Builder.

Acceptable Values: Any font string (see Section A.4)

Default Value: "Courier;plain;12"

OutputViewerHeight = <number>

Description: Controls the pixel height of the **Batch Output Viewer**.

Acceptable Values: positive integer value.

Default Value: 500

OutputViewerImageHeight = <number>

Description: Controls the pixel height of the window displaying gif IVP Batch Program output files.

Acceptable Values: positive integer value.

Default Value: 525

OutputViewerImageWidth = <number>

Description: Controls the pixel width of the window displaying gif IVP Batch Program output files.

Acceptable Values: positive integer value.

Default Value: 800

**OutputViewerLabelFont = **

Description: Controls the font used on the label in the **Batch Output Viewer**.

Acceptable Values: Any font string (see Section A.4)

Default Value: "Courier;plain;12"

**OutputViewerListFont = **

Description: Controls the font used for the list in the **Batch Output Viewer** as well as the font used to display text files.

Acceptable Values: Any font string (see Section A.4)

Default Value: "TimesRoman;plain;12"

OutputViewerWidth = <number>

Description: Controls the pixel width of the **Batch Output Viewer**.

Acceptable Values: positive integer value.

Default Value: 500

**PanelLabelFont = **

Description: Controls the font used to display the command panel labels in their tab.

Acceptable Values: Any font string (see Section A.4)

Default Value: "Courier;plain;12"

TextAreaImageHeight = <number>

Description: Controls the pixel height of the window displaying ASCII IVP Batch Program output files.

Acceptable Values: positive integer value.

Default Value: 400

TextAreaImageWidth = <number>

Description: Controls the pixel width of the window displaying ASCII IVP Batch Program output files.

Acceptable Values: positive integer value.

Default Value: 400

A.4 Generic Font Format

All font settings that can be entered in the system settings file must be in the following value format:

;;

where each component can have the following values:

: "Serif", "SanSerif", "TimesRoman" or "Courier"

: "plain", "bold", "italics" or "bold-italics"

: any integer representing a valid size for that font

If an invalid size is specified, the system will use the default value, which depends on the font.