Appendix A: System Settings File

A.1 Overview

The **etsgen** gui 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 the **etsgen** gui specifically for the system on which it is running. This appendix describes that file.

The same system settings file is used for this Gui as for the ESPADP Batch Builder Gui.

A.2 Required Apps-Defaults Tokens

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

ens_dir

The file is assumed to exist in the directory $(ens_dir)/apps-defaults.

A.3 System Settings File

The system settings file incorporates the same file format as an ESPADP 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, denoted in **bold**, set parameter values that control the appearance of the ETSGEN. The <value> within the line of the batch input file that contains the command is usually restricted, depending on that command. Acceptable Values will be listed for each command. The default value shown is the value assumed if the system settings command is not found. The following are the ETSGEN system settings commands:

CommandPanelLabelFont = <font>
Description: Controls the font used on labels within the command panels. It must follow the Generic
    Font Format, which is defined above.
Acceptable Values: Any font string (see Note 1)
Default Value: "Courier;plain;12"

CommandPanelListFont = <font>
Description: Controls the font used in lists and text fields within the command panels. It must follow the
    Generic Font Format, which is defined above.
Acceptable Values: Any font string (see Note 1)
Default Value: "Courier;plain;12"

CommandListLabellFont = <font>
Description: Controls the font used for the title label above the **Command List**. It must follow the
    Generic Font Format, which is defined below.
Acceptable Values: Any font string (see Note 1)
Default Value: "TimesRoman;bold;12"

CommandListFont = <font>
Description: Controls the font used within the **Command List**. It must follow the Generic Font Format, which is defined below.
Acceptable Values: Any font string (see Note 1)
Default Value: "TimesRoman;bold;11"

ButtonFont = <font>
Description: Controls the font used for all buttons within the ETSGEN. It must follow the Generic Font Format, which is defined below.
Acceptable Values: Any font string (see Note 1)
Default Value: "Courier;plain;12"

MenuFont = <font>
Description: Controls the font used for all menus within the ETSGEN. It must follow the Generic Font Format, which is defined below.
Acceptable Values: Any font string (see Note 1)
Default Value: "Courier;plain;12"

PanelLabelFont = <font>
Description: Controls the font used to display the command panel labels within their tab. It must follow the Generic Font Format, which is defined below.
Acceptable Values: Any font string (see Note 1)
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

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

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, currently, to control the total width of the main window. They are summed for the total width, at which point Java will automatically size the command panels and **Command List** as it see fit.*

TextAreaImageHeight = <number>
Description: Controls the pixel height of the window displaying ascii ESPADP output files.
Acceptable Values: positive integer value.
Default Value: 400

TextAreaImageWidth = <number>
Description: Controls the pixel width of the window displaying ascii ESPADP output files.
Acceptable Values: positive integer value.
Default Value: 400

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Notes:

1. All font settings for the the ETSGEN must be entered in the system settings file with the following value format:

   <font name>;<font style>;<font size>

   where each component can have the following values:

   <font name>: "Serif", "SanSerif", "TimesRoman" or "Courier"
   <font style>: "plain", "bold", "italics" or "bold-italics"
   <font size>: any integer representing a valid size for that font.

   If an invalid size is specified, the system will revert to a default size, which varies from font to font.