

Theme Manager Plugin

[Ver. 1.2.0]

Purpose

To allow the user to create custom settings for CamBam's colour scheme, as defined in the "Options" menu and to facilitate saving, loading and the application of those settings.

Installation

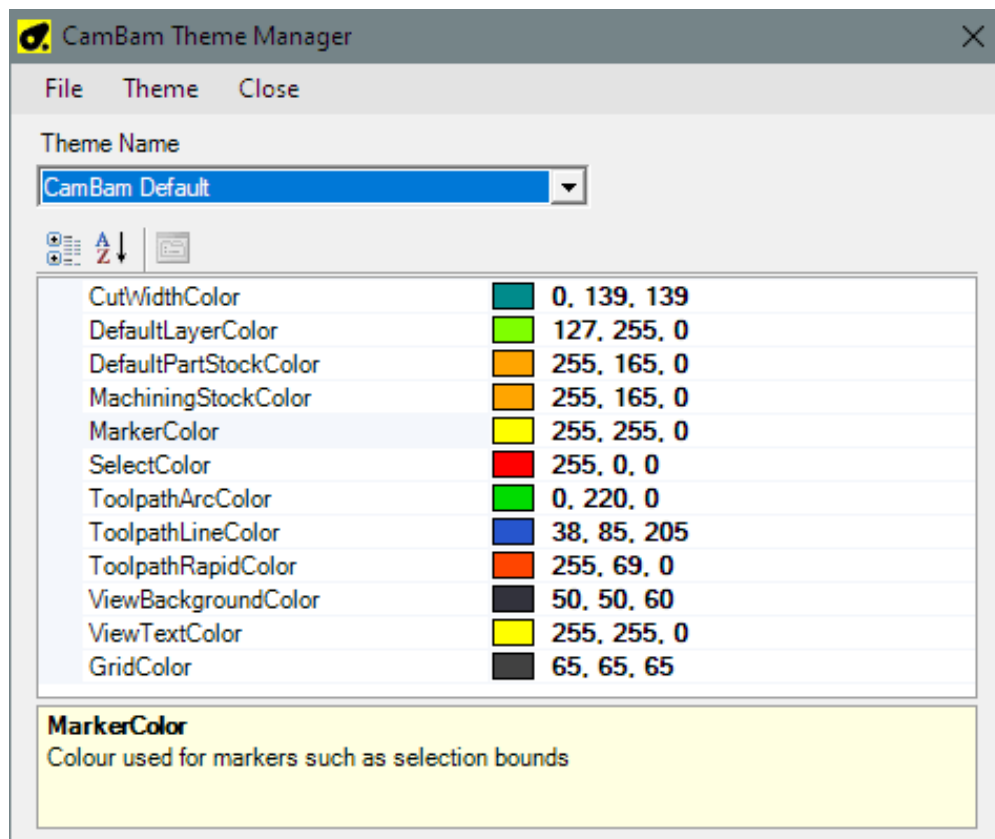
Like all plugins the file may need to be 'unblocked' first.

1. Right click the dll file and select Properties
2. On the General tab, you will see at the bottom a button called 'Unblock', click that then 'Apply', then 'OK'

The dll file should now be placed into the CamBam Plugins folder. On re-start the plugin will appear as "Theme Manager" in CamBam's "Tools" menu.

User Interface

This is the user interface:



Terms used

Theme -	A collection of colours used by CamBam.
Theme Manager -	The name of this plugin.
Currently selected –	The name of a Theme that is currently shown in the Theme Manager dropdown selection box called, "Theme Name"
CamBam default colours –	The colours used following a new installation of CamBam.

Menu Options

File>New>From CamBam Default

To create a new Theme that uses CamBam's default colour scheme.

File>New>From Current Settings

To create a new Theme that uses the colour scheme currently in use.

File>New>Clone From

To create a new Theme that copies settings from another Theme.

File>Save All Changes

To save all of the created Themes into one file called "CamBamThemes.config"
All files relating to this Theme Manager plugin are stored in CamBam's System Styles folder.
C:\ProgramData\CamBam plus 1.0\styles , on my system.

File>Export Theme

To save the currently selected Theme into a file called "CBTheme-[selected theme name].thxml"
e.g. if the currently selected Theme is called "Dark Theme 2" then the file will be called
"CBTheme-Dark Theme 2.thxml"
A prefix of "CBThem-" is used for easy recognition and to force 'grouping' in Windows Explorer.

File>Import Theme

To open and import a previously exported Theme file into Theme Manager.
If a Theme of the same name already exists in Theme Manager it will issue a warning and will cancel the import operation.

Theme>Apply

To replace CamBam's colour scheme with those of the currently selected Theme.

Theme>Rename Selected

To rename the currently selected Theme.

Theme>Remove Selected

To remove a Theme from the dropdown list of Themes.

Close

To close Theme Manager window.

If changes have taken place in Theme Manager but a "File>Save All Changes" has not occurred, a warning message will appear allowing the option to save the Themes file first.

Colours

Colours can be edited in the same manner as in CamBam's "Options" menu.

i.e. left mouse click in a box showing colour 'numbers' then either enter new numbers or use the Colour Picker to choose.

The 'numbers' represent an ARGB value;

A = alpha or transparency, 255 = solid, 0 = fully transparent.

R = red component.

G = green component.

B = blue component.

If the alpha value is of no concern, just enter the three RGB values and alpha will default to 255.

In Use

These first steps are quite important for your sanity.

1. When Theme Manager is run for the first time it will not find the file called, "CamBamThemes.config" in CamBam's System "styles" folder.



Click "OK" and the plugin will open using the current settings as a new Theme.

This Theme will be named "Initial Theme", you should NOT change this file otherwise subsequent changes to the colour scheme will be lost for ever, just as they would be if you changed them in CamBam's Options menu without any kind of written record being in place.

2. Use a "File>Export Theme" to save the "Initial Theme" as a backup that can be imported later if required.

3. Create more Themes with names of your choice and change the colours to suite.

Remember: DO NOT CHANGE the "Initial Theme", it is your record of the colours in use at the time of Theme Manager installation.

Notes

1. It was found that even using CamBam "Options" to change colours did not affect the colour of the auto created, "Default" Layer.
The colour "DefaultLayerColor" seems to apply only to new layers added by the user.
2. The colour "DefaultStockColor" has been changed to "DefaultPartStockColor" because it was found to apply only at Part level and not the Machining level Stock also.
3. The colour "MachiningStockColor" has been added because it was found the stock always defaults to, "255,165,0" when CamBam is started. To re apply the users choice of Machining stock colour, use Theme>Apply after CamBam has opened or do nothing if it's of no concern.
4. The Theme export/import options allows users to easily exchange Themes.