



TI58C Config

This manual describes all **TI58C** emulator configuration settings.

<http://ti58c.phweb.me>



With Windows operating systems the software parameters were usually stored in .INI extension files (**INITialization**).

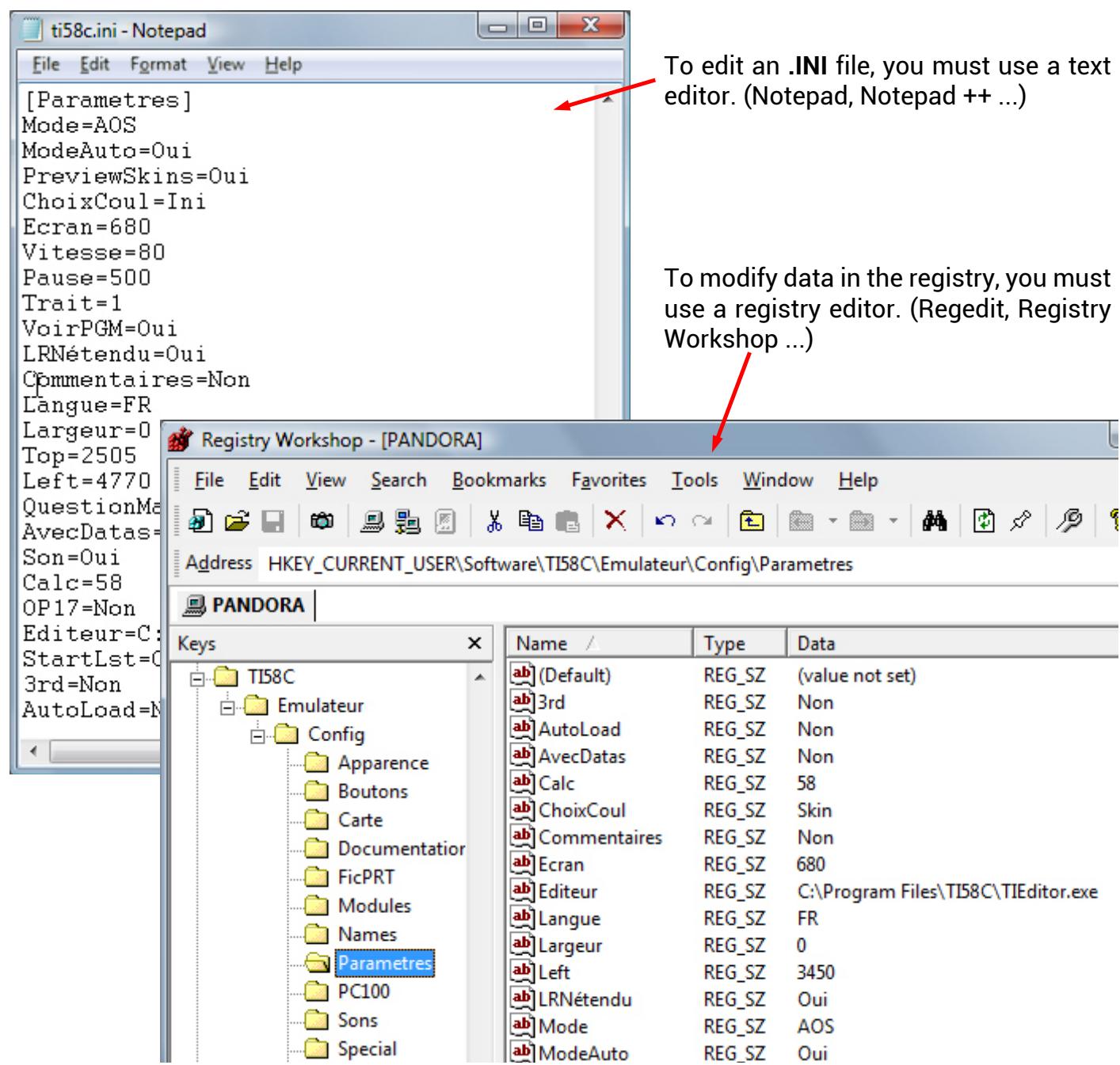
In newer Windows versions, the use of such files has been increasingly replaced by storage in the Windows registry.

As standard, following installation, the operating parameters of the **TI58C** emulator are stored in the **ti58c.ini** file in the application directory.

Alternatively, this file can be placed in the root directory of the system (C:\Windows).

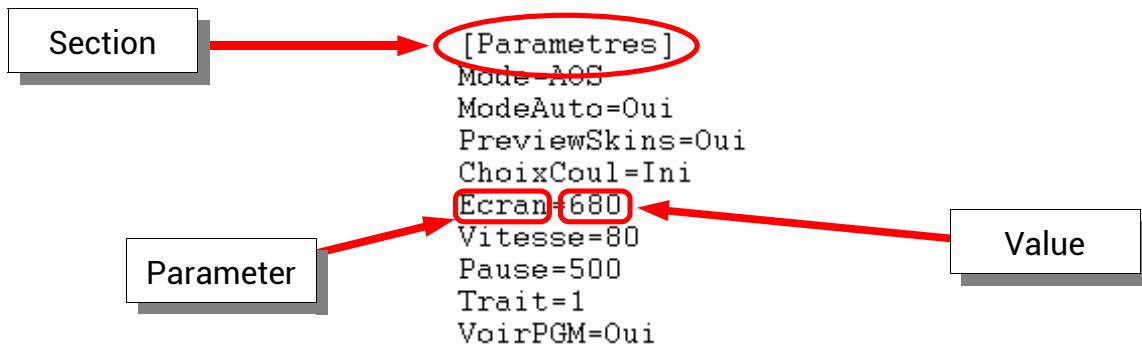
You may also prefer to choose the Windows registry to store the settings.
(Key : [HKEY_CURRENT_USER\Software\TI58C\Emulator\Config])

Whatever the preference, the structure and keywords will be the same.

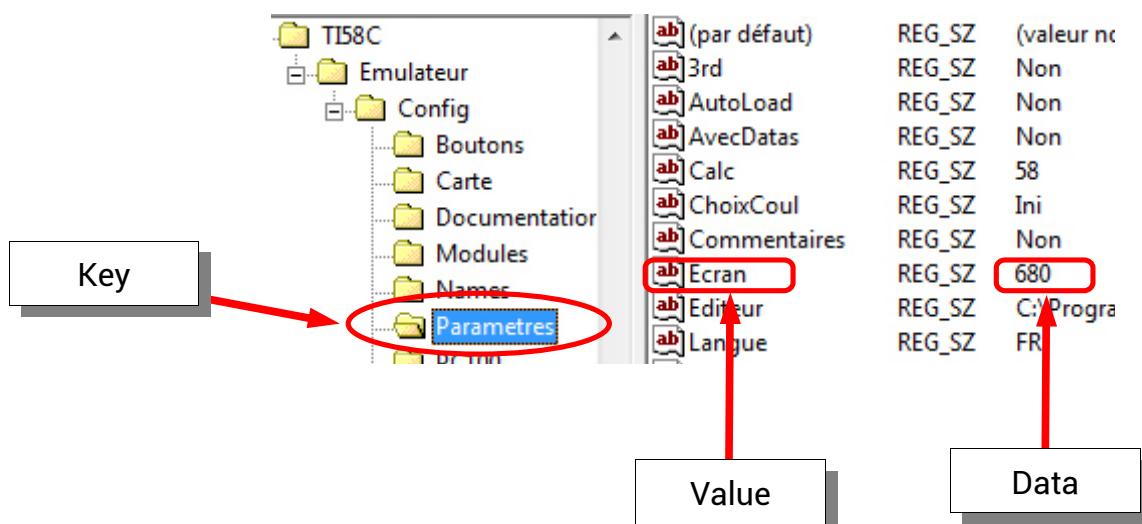


The .INI file is composed :

- of sections whose names are surrounded by square brackets [].
- of parameters and values separated by the equal sign =.



In the case of the registry the same parameters will be grouped into keys containing values and data.



WARNING !

Manually changing the configuration of the TI58C emulator, either in the INI file via a text editor or in the registry via a registry editor, can alter the operation of the program.



In TI58C emulator...

[Parametres]
Langue=EN

The list of available languages comes from the list of files ti58cXX.lan present in the directory of the application, XX being the language code.

[Parametres]
Pause=500

[Parametres]
Trait=1

[Parametres]
AvecDatas=Oui
possible values : Oui / Non

[Parametres]
OP17=Non
possible values : Auto / Non

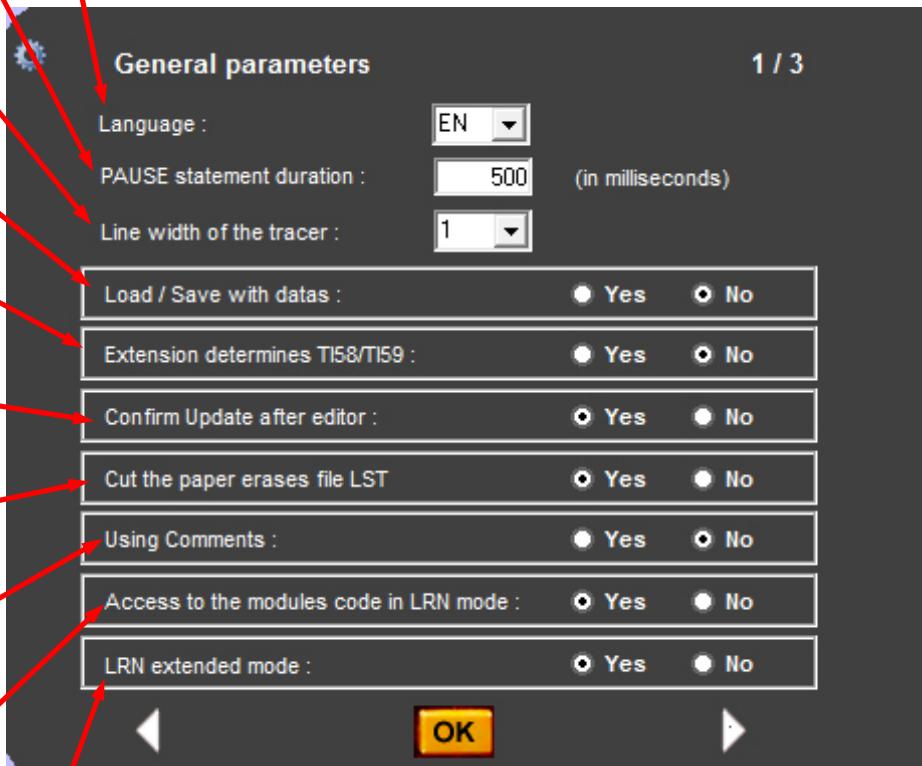
[Parametres]
QuestionMaj=Oui
possible values : Oui / Non

[FicPRT]
EffaceFIC=Oui
possible values : Oui / Non

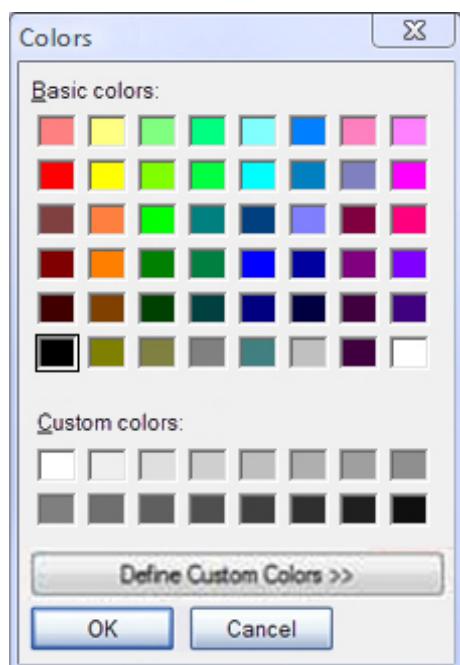
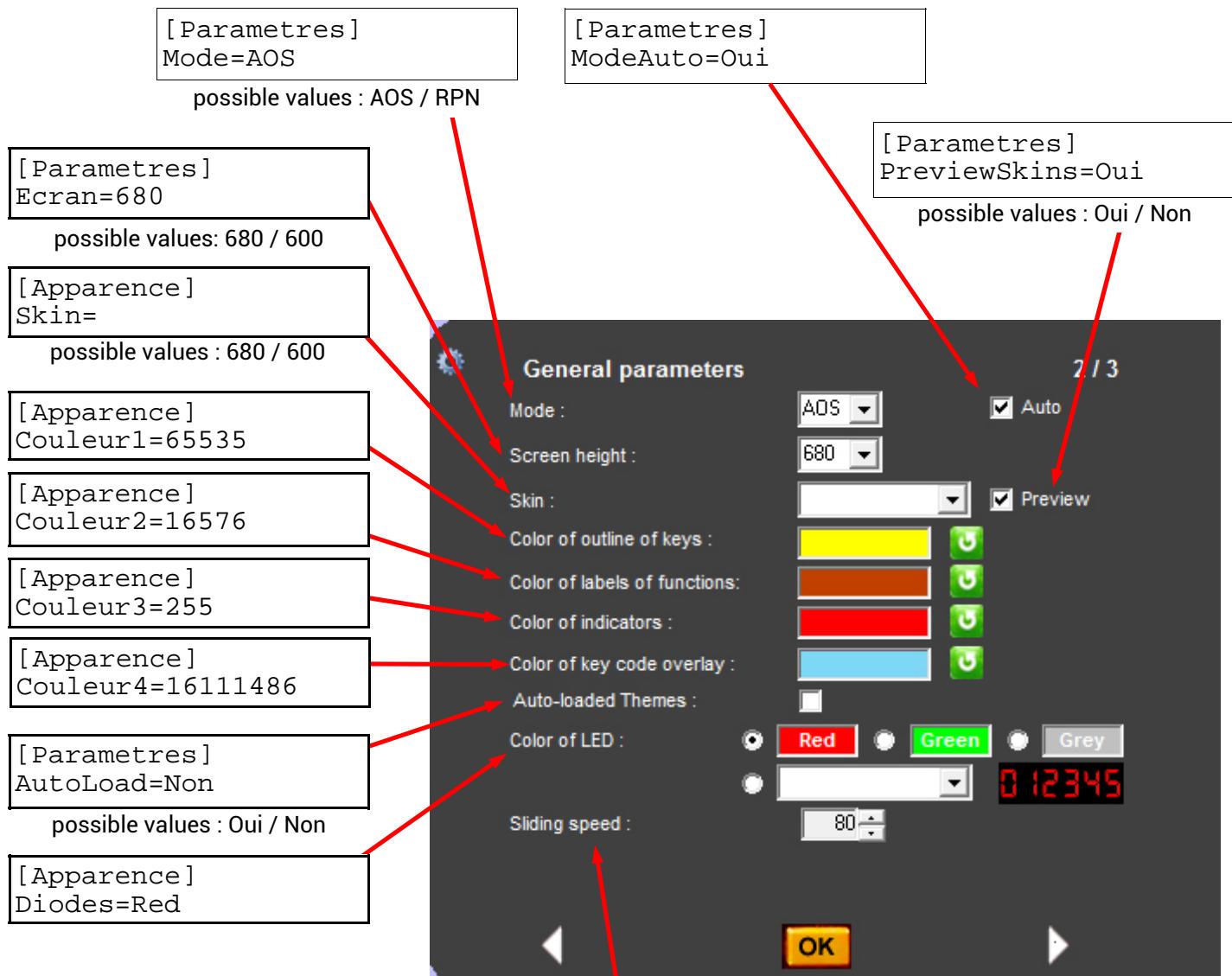
[Parametres]
Commentaires=Non
possible values : Oui / Non

[Parametres]
VoirPGM=Oui
possible values : Oui / Non

[Parametres]
LRNétendu=Oui
possible values : Oui / Non



In TI58C emulator...

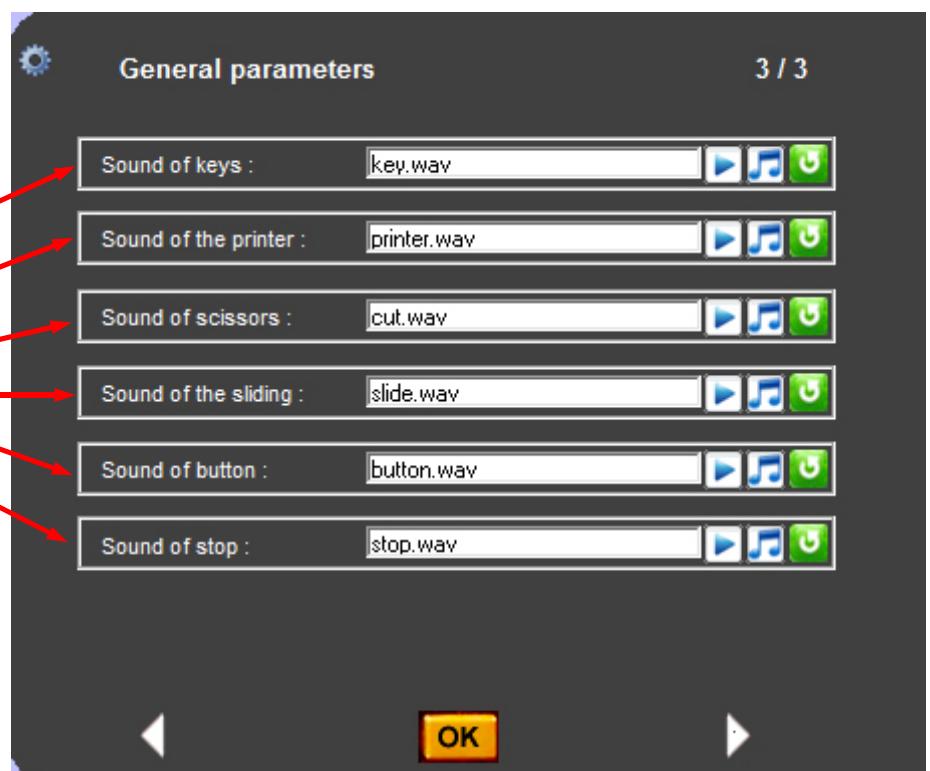


Colors are stored as decimals.
Each number is the conversion of the inverted hex color (**BGR** instead of **RGB**).

The decimal number 16111486 gives F5D77E in hexa : F5=Blue, D7=Green, 7E=Red.
Which corresponds to 7ED7F5 in **RGB** (Red=126, Green=215, Blue=245).



```
[Sons]
Key=key.wav
Printer=printer.wav
Cut=cut.wav
Slide=slide.wav
Button=button.wav
Stop=stop.wav
```



In TI58C emulator...

The screenshot shows the TI58C emulator interface with two main windows:

- Modules parameters** dialog:
 - PGM Directory : C:\Program Files\TI58C\myPGM
 - Sub-directories by PGM # : Yes No
 - Module list:
 - Module1=01 ML Master Library
 - Module2=02 ST Applied statistics
 - Module3=04 SY Module Survey
 - Module4=05 NG Navigation
 - Module5=06 AV Aviation
 - Module6=07 LE Leisure Module
 - Module7=10 MU Math Utilities
 - Module8=11 EE Electric Engeneering
 - Module9=14 PH PH Messages
 - Module10=
 - Module11=
 - Module12=
 - Module13=
 - Module14=
 - Module15=
 - Module16=
 - Buttons: Add, OK.

A red box highlights the module list in the 'Modules parameters' dialog, and a red arrow points from the 'Chargé=ML' parameter in the code area to the '01 ML Master Library' option in the 'Library Modules' list.

Library Modules list:
 - 01 ML Master Library (selected)
 - 02 ST Applied statistics
 - 04 SY Module Survey
 - 05 NG Navigation
 - 06 AV Aviation
 - 07 LE Leisure Module
 - 10 MU Math Utilities
 - 11 EE Electric Engeneering

Buttons: OK.

The "Charge" parameter is modified by the selection of the module

- via the modules screen,
- ou
- via the commande **OP 69**.



In TI58C emulator...

[Trace]
PasAPas=Oui

possible values : Oui / Non

[Trace]
Détail=Oui

possible values : Oui / Non

[Trace]
TracePGM=Oui

possible values : Oui / Non

[Trace]
Départ=0

adresse du pas à partir du quel la trace doit commencer.

[Trace]
NOPstop=Non

possible values : Oui / Non

[Trace]
Debug=PAU

instruction sur laquelle la trace doit s'arrêter.

[Trace]
NouveauFichier=Oui

possible values : Oui / Non

[Trace]
SeulementFichier=Non

possible values : Oui / Non

[Trace]
Clavier=Non

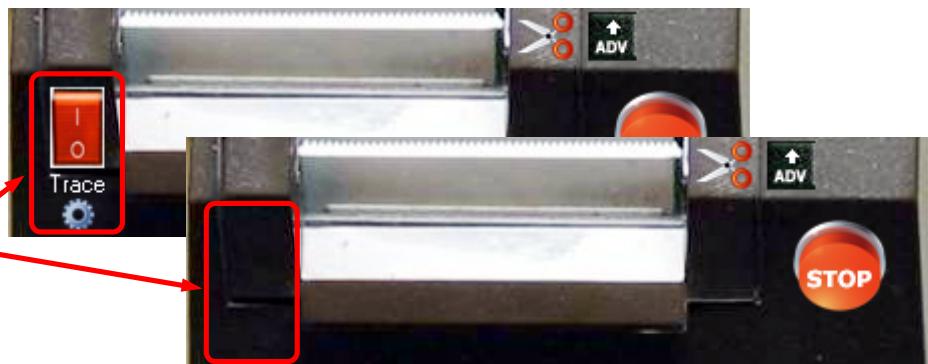
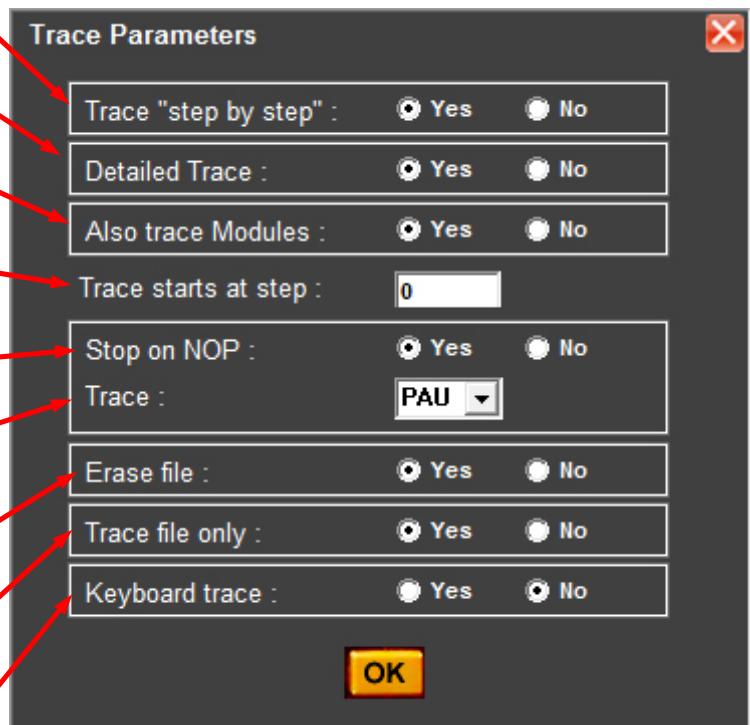
possible values : Oui / Non

[Trace]
Visible=Oui

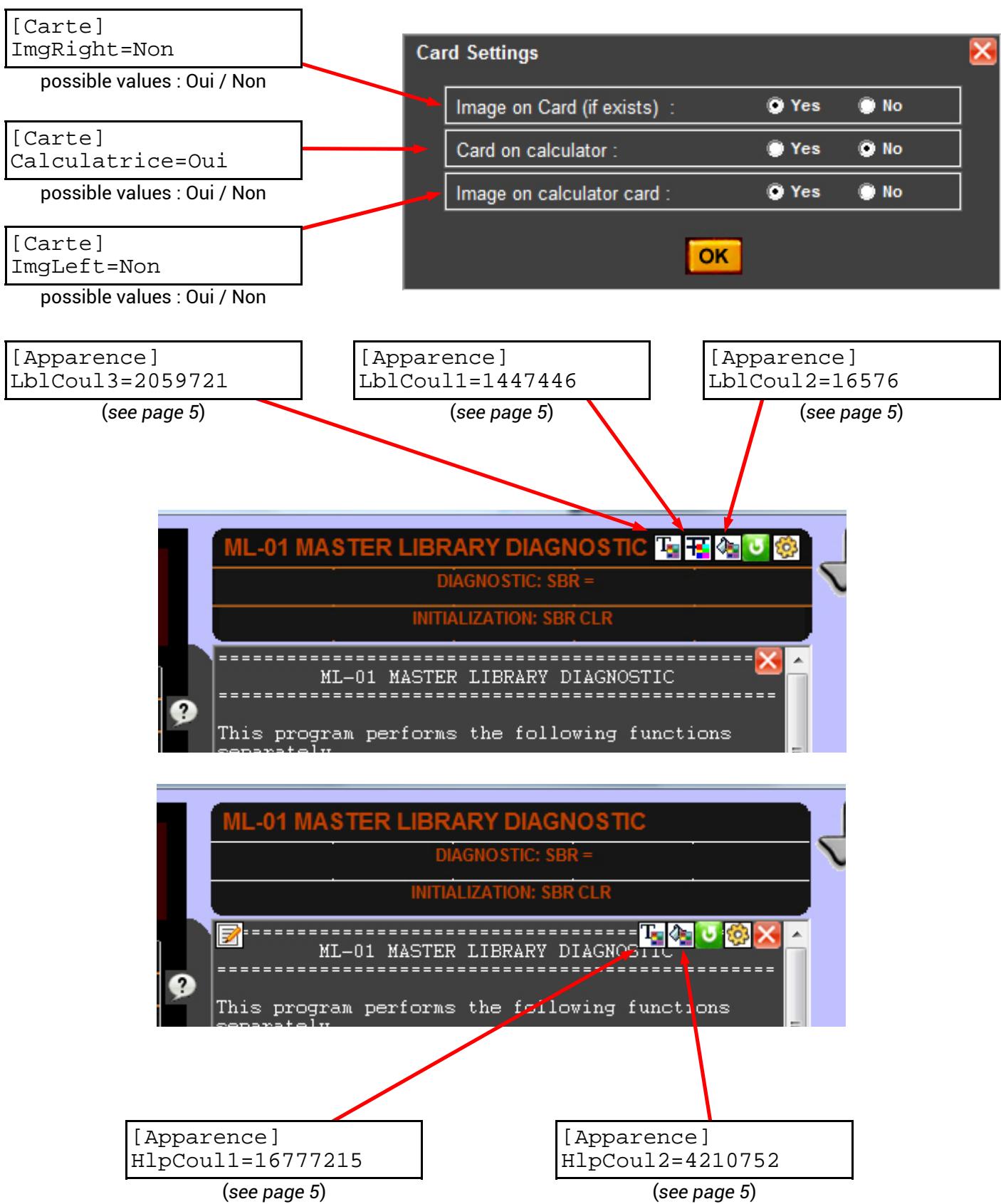
possible values : Oui / Non

Updatable with

SHIFT ALT T



In TI58C emulator...

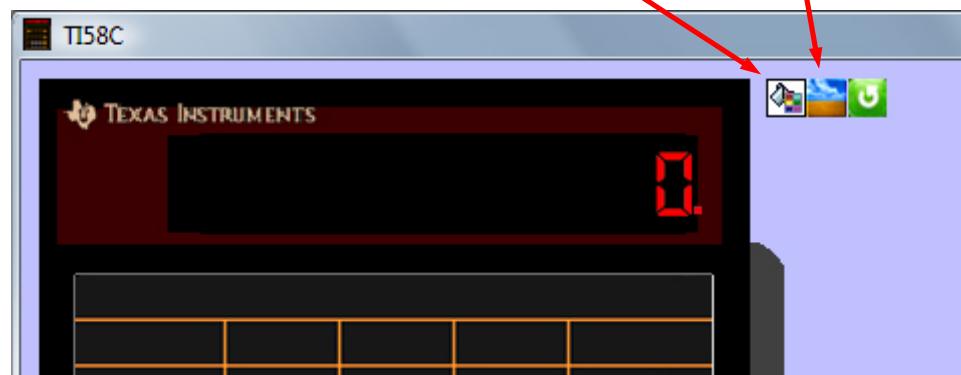


In TI58C emulator...

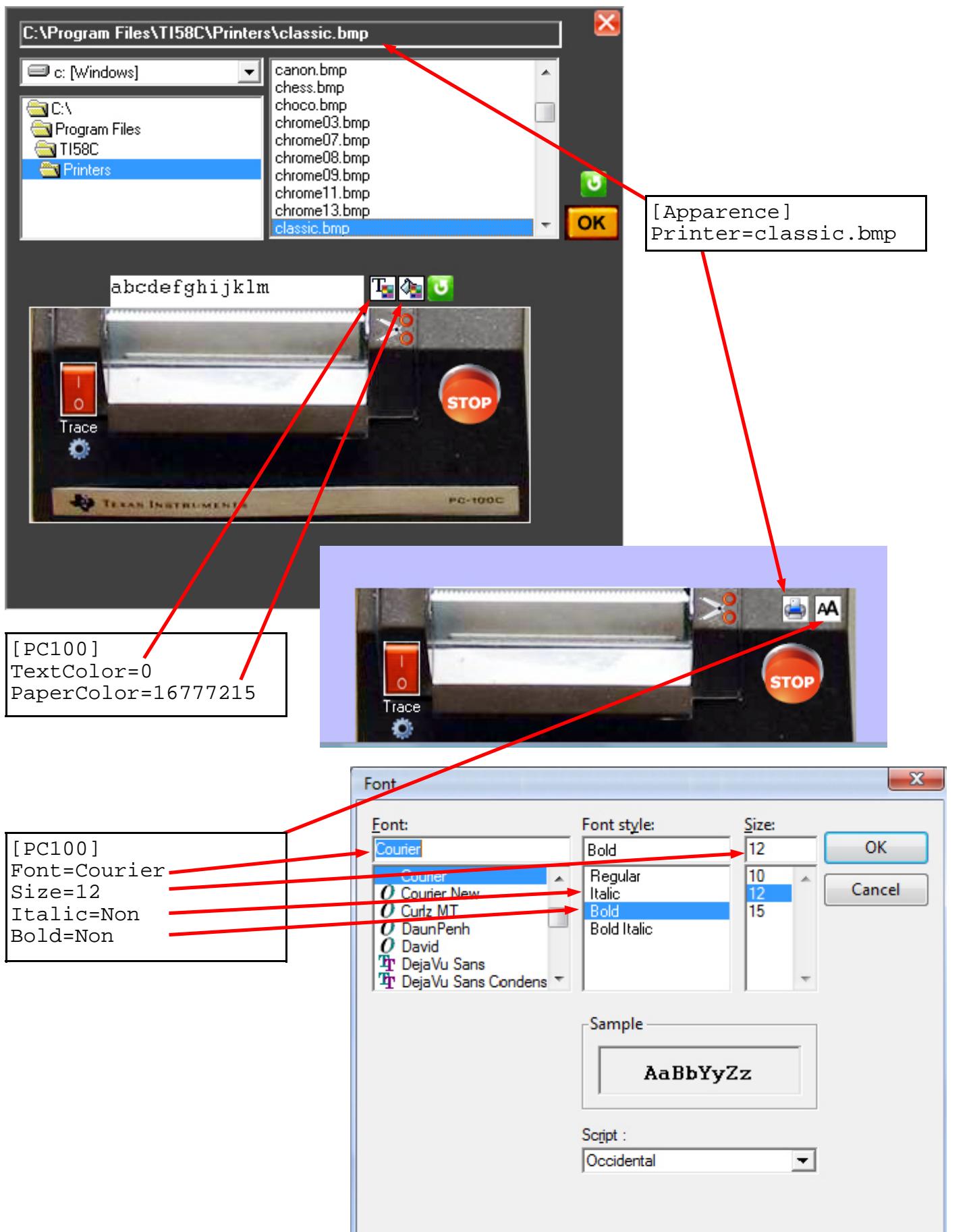
[Apparence]
Fond=16761024

(see page 5)

[Apparence]
Wallpaper=

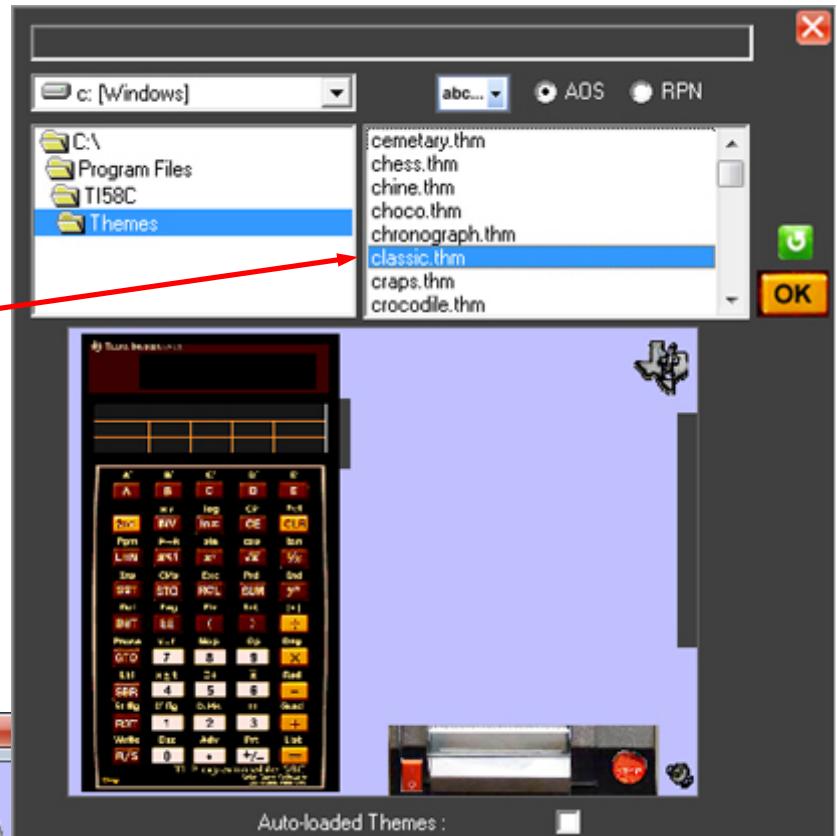


In TI58C emulator...

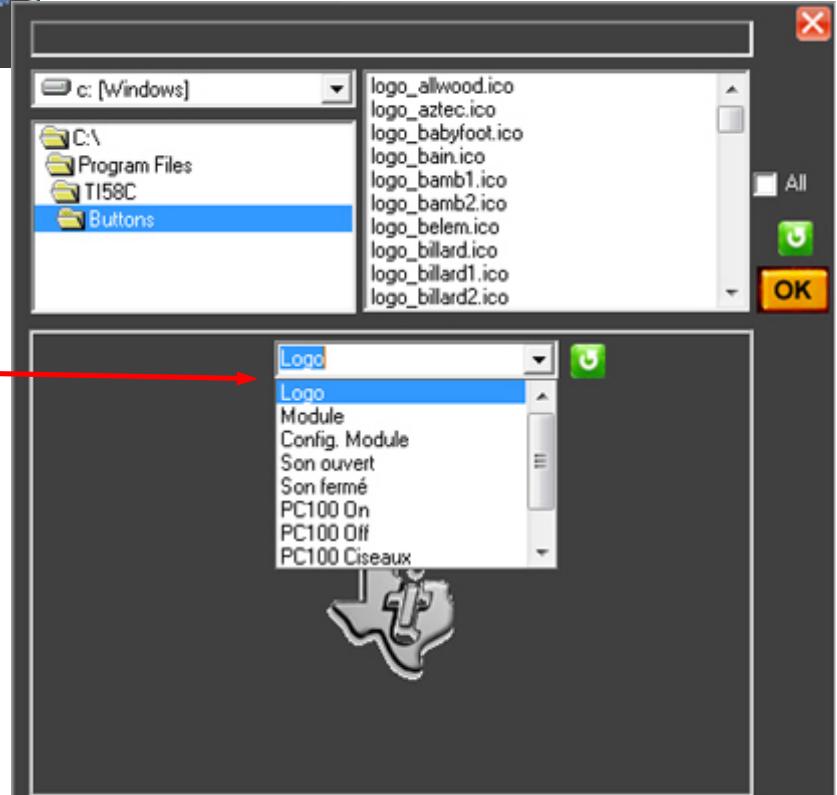


In TI58C emulator...

[Apparence]
Theme=Classic



[Boutons]
Module=
Config=
TILogo=
Son1=
Son2=
Cut=
Stop=
Trace=
On=
Off=
Advance=
PositAdv=L

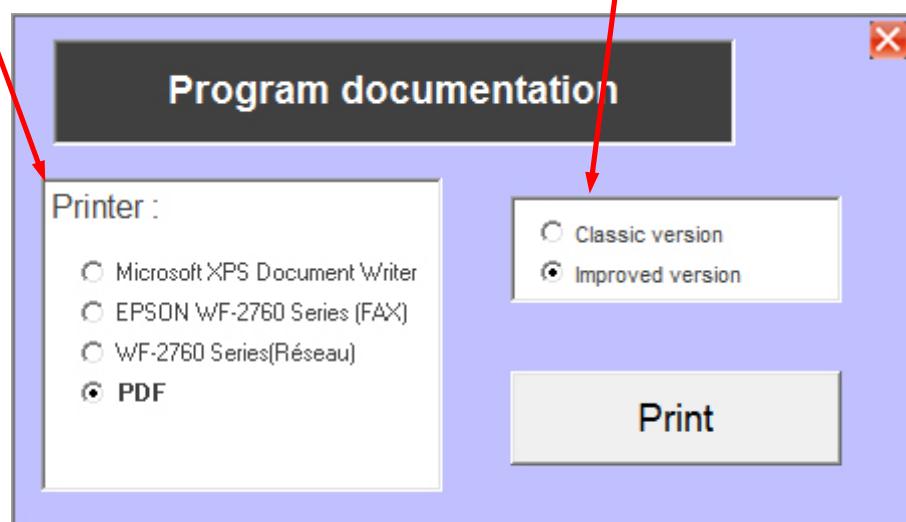


In TI58C emulator...

[Documentation]
Imprimante=4

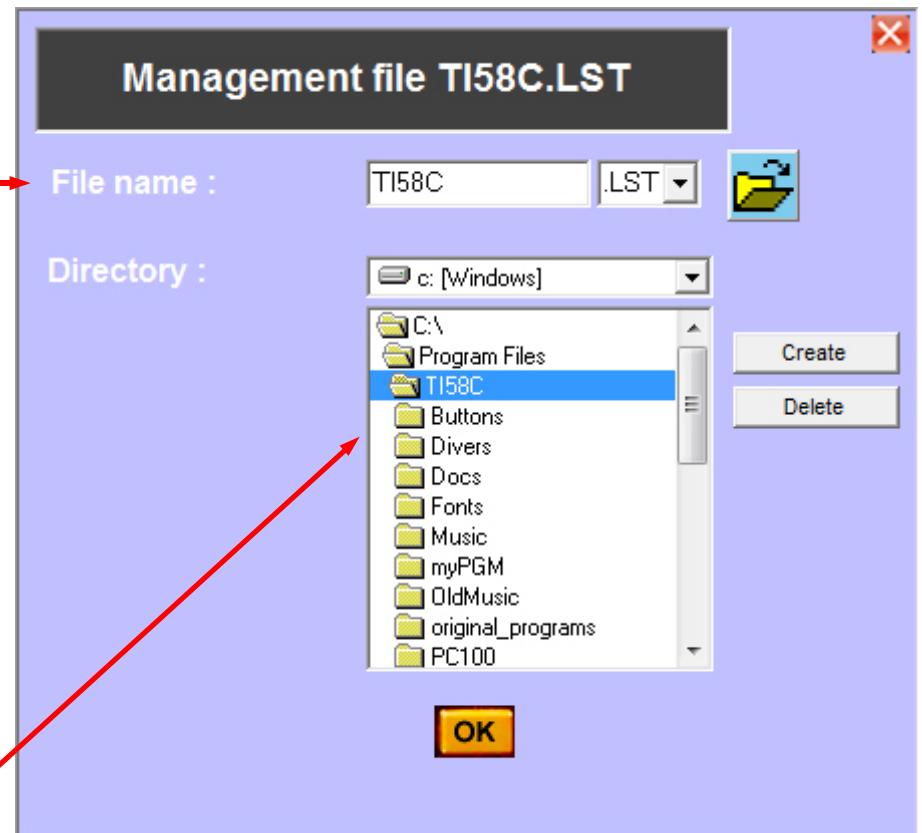
[Documentation]
Version=1

0 → classic, 1 → improved



In TI58C emulator...

[FicPRT]
NomFic=TI58C.lst

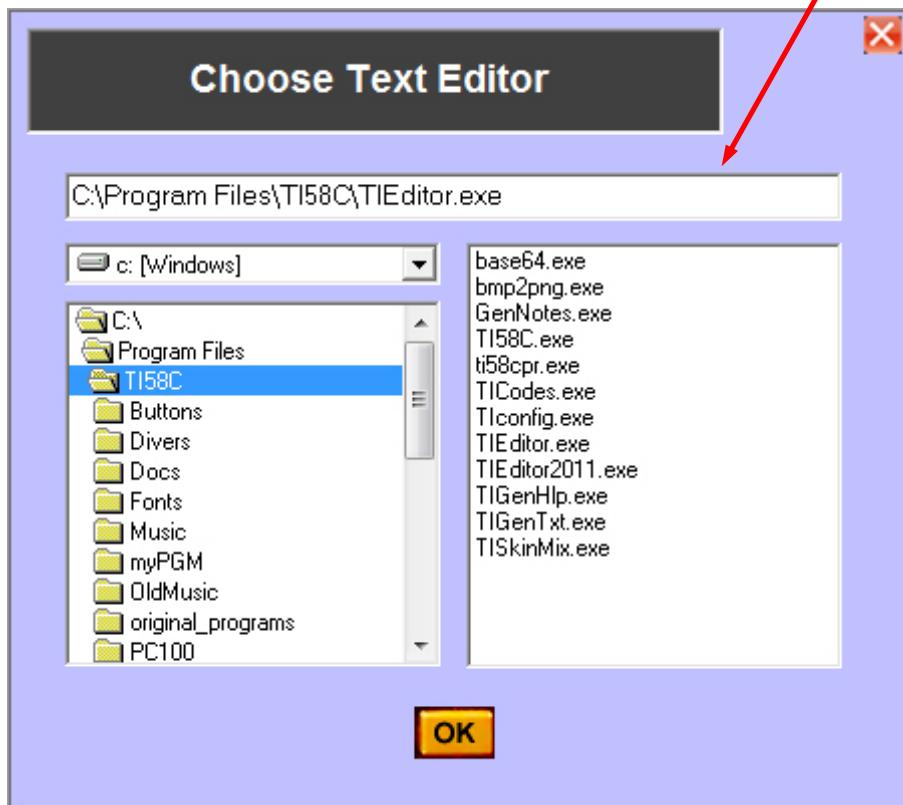


[FicPRT]
RepFic=C:\Program Files\TI58C

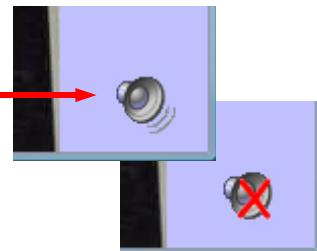


In TI58C emulator...

[Parametres]
Editeur=C:\Program Files\TI58C\TIEditor.exe



[Parametres]
Son=Oui
valeurs possibles : Oui / Non



In TI58C emulator...

[Special] TempDir=Temporary ①
possible values : Local / Temporary / Windows

[Special] Tempo=500 ②

[Parametres] StartLst=Overlay ③
possible values : Append / Overlay

[PC100] OnlyFixed=Oui ④
possible values : Oui / Non

[PC100] InstallFonts=Non ⑤
possible values : Oui / Non

Special parameters 1 / 3

Temporary Directory : Temporary

Execution delay : 500 Milliseconds

Loading .LST files : Overlay

Fixed fonts for PC100 : Yes No

Install themes fonts : Yes No

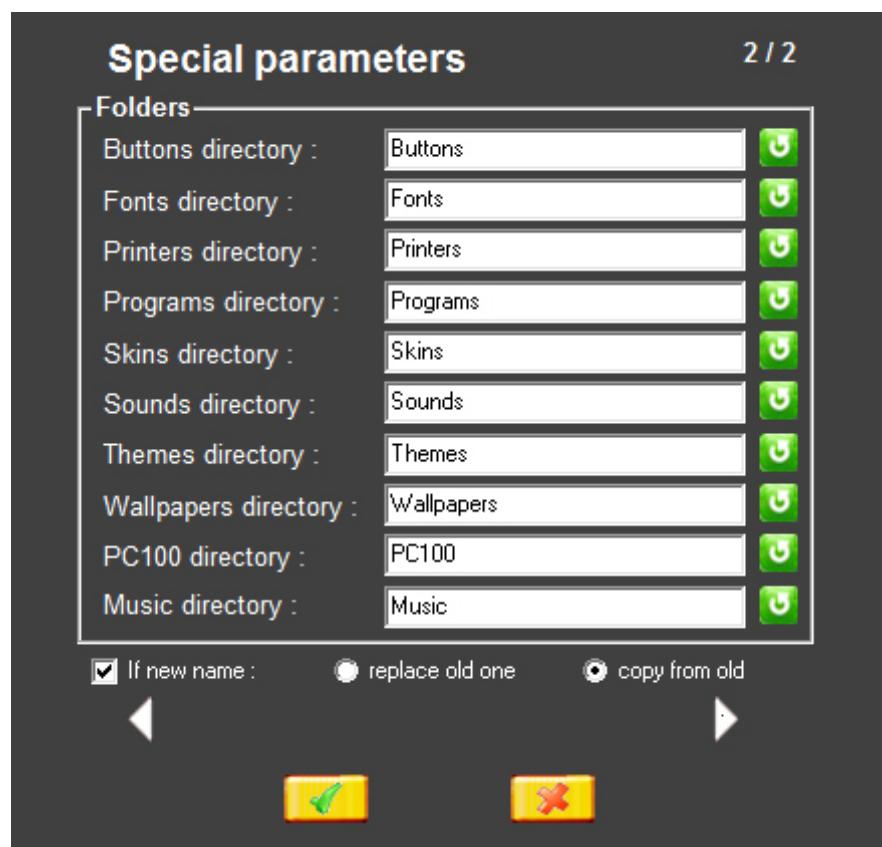
◀ ▶

SHIFT+ALT+I

- ① **TempDir** allows you to choose the location of temporary emulator files **TI58C**.
 - **Local** → the files are permanently stored in the *TempDir* folder of the application directory,
 - **Temporary** → the files are stored in the *TempDir* folder of the application directory and this *TempDir* folder is purged when the program closes,
 - **Windows** → the files are stored in the Windows *Temp* folder.
- ② **Tempo** adjusts the timing of print instructions to avoid possible **PC100** overload on the fastest systems.
- ③ **StartLst** indicates how to load an **.lst** extension program into memory: either the addresses of each step are ignored and the program is loaded from step 000 after deletion of the possibly existing instructions (**Overlay**), or the addresses of each step are used to load the program and any other instructions that may already exist are stored (**Append**).
- ④ **OnlyFixed** specifies whether only fixed-width fonts can be used with the **PC100** printer (OnlyFixed=Oui recommanded)
- ⑤ **InstallFonts** determines whether the theme fonts, for the **PC100** printer, should be automatically installed in the Windows Fonts folder when loading the theme into the **TI58C** emulator.

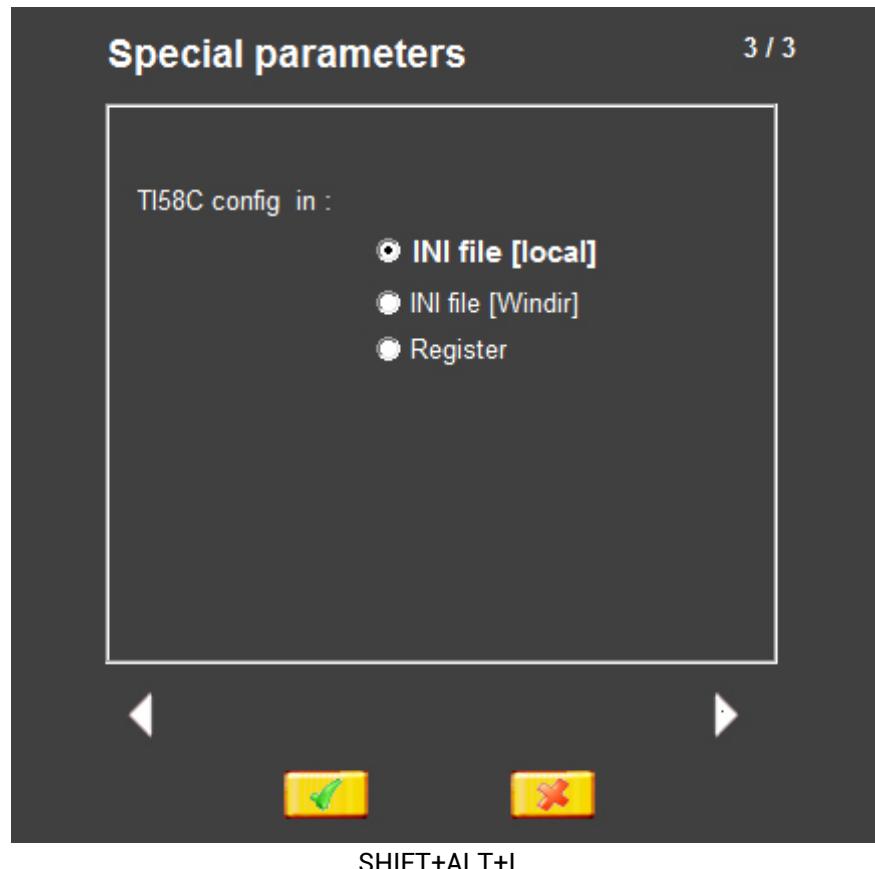


```
[Names]
Buttons=Buttons
Fonts=Fonts
Printers=Printers
Programs=Programs
Skins=Skins
Sounds=Sounds
Themes=Themes
Wallpa-
pers=Wallpapers
PC100=PC100
Music=Music
```



A single folder name means that the folder is in the application directory.
(Ex: "Buttons" means "C:\Program Files\TI58C\Buttons")
but the full path can be specified (Ex: "C:\ProgramData\TI58C\Buttons") for
storage other than in the application directory.





The **TI58C** emulator configuration parameters can be stored

- either in a local **ti58c.ini** file (application directory),
- either in a **ti58c.ini** file in the Windows directory (systemroot),
- either in the Windows registry.

Choosing **local INI file** deletes the **ti58c.ini** file from the Windows folder and creates the local file **ti58c.ini**,

Choosing **Windows INI file** deletes the **ti58c.ini** file from the application folder and creates the Windows file **ti58c.ini**,
Choosing **the registry** deletes the file **ti58c.ini** (local or Windows) and creates the settings in the registry.



In TI58C emulator...

```
[Parametres]
ChoixCoul=Ini
Largeur=0
Top=2505
Left=4770
Calc=58
3rd=Non
```

Some parameters are not modifiable directly by the user through an input screen, but are the reflection of the TI58C emulator state and are stored to resume the same state during a next launch.

```
[Parametres]
ChoixCoul=Ini
```

possible values : Ini / Skin

determines which colors are taken by default when clicking on a Reset button: those of the configuration file or those of the skin.

```
[Parametres]
Largeur=0
```

possible values : 0 / 1 / 2

memorizes the width of the screen modified by **ALT X**.

```
[Parametres]
Top=2505
Left=4770
```

memorize the position of the TI58C emulator on the screen.

```
[Parametres]
Calc=58
```

possible values : 58 / 59

type of calculator 58/59 modified by OP 17 or by opening a program (see parameter **OP17** page 4)

```
[Parametres]
3rd=Non
```

possible values : Oui / Non

mémorise si la touche **3rd** doit être affichée. modifié par **ALT J**



In ti58c.ini file...

```
[Apparence]
Couleur1=65535
Couleur2=16576
Couleur3=255
Couleur4=16111486
Diodes=Red
HlpCoul1=16777215
HlpCoul2=4210752
LblCoul1=2059721
LblCoul2=1447446
LblCoul3=16576
Wallpaper=
Fond=16761024
Skin=
Printer=classic.bmp
Theme=Classic

[Boutons]
Module=
Config=
TILogo=
Son1=
Son2=
Cut=
Stop=
Trace=
On=
Off=
Advance=
PositAdv=L

[Carte]
Calculatrice=Oui
ImgLeft=Non
ImgRight=Non

[Documentation]
Version=1
Imprimante=4

[FicPRT]
EffaceFIC=Oui
RepFic=C:\Program Files\TI58C
NomFic=TI58C.lst

[Modules]
Sous-Repertoire=Non
Repertoire=C:\Program Files\TI58C\PGM
Chargé=ML
Module1=01 ML Master Library
Module2=02 ST Applied statistics
Module3=04 SY Module Survey
Module4=05 NG Navigation
Module5=06 AV Aviation
Module6=07 LE Leisure Module
Module7=10 MU Math Utilities
Module8=11 EE Electric Engeneering
Module9=14 PH PH Messages
Module10=99 OT Othello
Module11=
Module12=
Module13=
Module14=
Module15=
Module16=

[Names]
Buttons=Buttons
Fonts=Fonts
Printers=Printers
Programs=Programs
Skins=Skins
Sounds=Sounds
Themes=Themes
Wallpapers=Wallpapers
PC100=PC100
Music=Music

[Parametres]
Mode=AOS
ModeAuto=Oui
PreviewSkins=Oui
ChoixCoul=Ini
Ecran=680
Vitesse=80
Pause=500
Trait=1
VoirPGM=Oui
LRNéteud=Oui
Commentaires=Non
Langue=FR
Largeur=0
Top=2505
Left=4770
QuestionMaj=Oui
AvecDatas=Non
Son=Oui
Calc=58
OP17=Non
Editeur=C:\Program Files\TI58C\TIEditor.exe
StartLst=Overlay
3rd=Non
AutoLoad=Non

[PC100]
Font=Courier
Size=12
TextColor=0
PaperColor=16777215
Bold=Non
Italic=Non
OnlyFixed=Oui
InstallFonts=Non

[Sons]
Key=key.wav
Printer=printer.wav
Cut=cut.wav
Slide=slide.wav
Button=button.wav
Stop=stop.wav

[Special]
TempDir=Temporary
Tempo=500
```



In ti58c.ini file...

```
[Trace]
Départ=0
PasAPas=Oui
Détail=Oui
NouveauFichier=Oui
SeulementFichier=Oui
TracePGM=Oui
NOPstop=Oui
Debug=OP
Clavier=Non
Visible=Oui
```



In the register...

Registry Editor

File Edit View Favorites Help

Computer\HKEY_CURRENT_USER\Software\TI58C\Emulateur\Config\Appearance

Name	Type	Data
ab(Default)	REG_SZ	(value not set)
abCouleur1	REG_SZ	65535
abCouleur2	REG_SZ	16576
abCouleur3	REG_SZ	255
abCouleur4	REG_SZ	16111486
abDiodes	REG_SZ	Red
abFond	REG_SZ	16761024
abHlpCoul1	REG_SZ	16777215
abHlpCoul2	REG_SZ	4210752
abLbLCoul1	REG_SZ	2059721
abLbLCoul2	REG_SZ	1447446
abLbLCoul3	REG_SZ	16576
abPrinter	REG_SZ	classic.bmp
abSkin	REG_SZ	
abTheme	REG_SZ	Classic
abWallpaper	REG_SZ	

Registry Editor

File Edit View Favorites Help

Computer\HKEY_CURRENT_USER\Software\TI58C\Emulateur\Config\Boutons

Name	Type	Data
ab(Default)	REG_SZ	(value not set)
abAdvance	REG_SZ	
abConfig	REG_SZ	
abCut	REG_SZ	
abModule	REG_SZ	
abOff	REG_SZ	
abOn	REG_SZ	
abPositAdv	REG_SZ	
abSon1	REG_SZ	
abSon2	REG_SZ	
abStop	REG_SZ	
abTILogo	REG_SZ	
abTrace	REG_SZ	



In the register...

Registry Editor

File Edit View Favorites Help

Computer\HKEY_CURRENT_USER\Software\TI58C\Emulateur\Config\Carte

Name	Type	Data
ab(Default)	REG_SZ	(value not set)
abCalculatrice	REG_SZ	Oui
abImgLeft	REG_SZ	Non
abImgRight	REG_SZ	Non

Registry Editor

File Edit View Favorites Help

Computer\HKEY_CURRENT_USER\Software\TI58C\Emulateur\Config\Documentation

Name	Type	Data
ab(Default)	REG_SZ	(value not set)
abImprimante	REG_SZ	4
abVersion	REG_SZ	1



In the register...

Registry Editor

File Edit View Favorites Help

Computer\HKEY_CURRENT_USER\Software\TI58C\Emulateur\Config\FicPRT

Name	Type	Data
ab(Default)	REG_SZ	(value not set)
abEffaceFIC	REG_SZ	Oui
abNomFic	REG_SZ	TI58C.lst
abRepFic	REG_SZ	C:\Program Files\TI58C

Registry Editor

File Edit View Favorites Help

Computer\HKEY_CURRENT_USER\Software\TI58C\Emulateur\Config\Modules

Name	Type	Data
ab(Default)	REG_SZ	(value not set)
abChargé	REG_SZ	ML
abModule1	REG_SZ	01 ML Master Library
abModule10	REG_SZ	99 OT Othello
abModule11	REG_SZ	
abModule12	REG_SZ	
abModule13	REG_SZ	
abModule14	REG_SZ	
abModule15	REG_SZ	
abModule16	REG_SZ	
abModule2	REG_SZ	02 ST Applied statistics
abModule3	REG_SZ	04 SY Module Survey
abModule4	REG_SZ	05 NG Navigation
abModule5	REG_SZ	06 AV Aviation
abModule6	REG_SZ	07 LE Leisure Module
abModule7	REG_SZ	10 MU Math Utilities
abModule8	REG_SZ	11 EE Electric Engeneering
abModule9	REG_SZ	14 PH PH Messages
abRépertoire	REG_SZ	C:\Program Files\TI58C\myPGM
abSous-Répertoire	REG_SZ	Non



In the register...

Registry Editor

File Edit View Favorites Help

Computer\HKEY_CURRENT_USER\Software\TI58C\Emulateur\Config\Names

Name	Type	Data
ab(Default)	REG_SZ	(value not set)
abButtons	REG_SZ	Buttons
abFonts	REG_SZ	Fonts
abMusic	REG_SZ	Music
abPC100	REG_SZ	PC100
abPrinters	REG_SZ	Printers
abPrograms	REG_SZ	Programs
abSkins	REG_SZ	Skins
abSounds	REG_SZ	Sounds
abThemes	REG_SZ	Themes
abWallpapers	REG_SZ	Wallpapers

Registry Editor

File Edit View Favorites Help

Computer\HKEY_CURRENT_USER\Software\TI58C\Emulateur\Config\Parametres

Name	Type	Data
ab(Default)	REG_SZ	(value not set)
ab3rd	REG_SZ	Non
abAutoLoad	REG_SZ	Non
abAvecData	REG_SZ	Non
abCalc	REG_SZ	58
abChoixCoul	REG_SZ	Ini
abCommentaires	REG_SZ	Non
abEcran	REG_SZ	680
abEditeur	REG_SZ	C:\Program Files\TI58C\TIEditor.exe
abLangue	REG_SZ	FR
abLargeur	REG_SZ	0
abLeft	REG_SZ	6405
abLRNé	REG_SZ	Oui
abMode	REG_SZ	AOS
abModeAuto	REG_SZ	Oui
abOP17	REG_SZ	Non
abPause	REG_SZ	500
abPreviewSkins	REG_SZ	Oui
abQuestionMaj	REG_SZ	Oui
abSon	REG_SZ	Oui
abStartLst	REG_SZ	Overlay
abTop	REG_SZ	1770
abTrait	REG_SZ	1
abVitesse	REG_SZ	80
abVoirPGM	REG_SZ	Oui



In the register...

Registry Editor

File Edit View Favorites Help

Computer\HKEY_CURRENT_USER\Software\TI58C\Emulateur\Config\PC100

Name	Type	Data
ab(Default)	REG_SZ	(value not set)
abBold	REG_SZ	Non
abFont	REG_SZ	Courier
abInstallFonts	REG_SZ	Non
abItalic	REG_SZ	Non
abOnlyFixed	REG_SZ	Oui
abPaperColor	REG_SZ	16777215
abSize	REG_SZ	12
abTextColor	REG_SZ	0

Registry Editor

File Edit View Favorites Help

Computer\HKEY_CURRENT_USER\Software\TI58C\Emulateur\Config\Sons

Name	Type	Data
ab(Default)	REG_SZ	(value not set)
abButton	REG_SZ	button.wav
abCut	REG_SZ	cut.wav
abKey	REG_SZ	key.wav
abPrinter	REG_SZ	printer.wav
abSlide	REG_SZ	slide.wav
abStop	REG_SZ	stop.wav



In the register...

Registry Editor

File Edit View Favorites Help

Computer\HKEY_CURRENT_USER\Software\TI58C\Emulateur\Config\Special

Name	Type	Data
ab(Default)	REG_SZ	(value not set)
abTempDir	REG_SZ	Temporary
abTempo	REG_SZ	500

Registry Editor

File Edit View Favorites Help

Computer\HKEY_CURRENT_USER\Software\TI58C\Emulateur\Config\Trace

Name	Type	Data
ab(Default)	REG_SZ	(value not set)
abClavier	REG_SZ	Non
abDebug	REG_SZ	OP
abDépart	REG_SZ	0
abDétail	REG_SZ	Oui
abNOPstop	REG_SZ	Oui
abNouveauFichier	REG_SZ	Oui
abPasAPas	REG_SZ	Oui
abSeulementFichier	REG_SZ	Oui
abTracePGM	REG_SZ	Oui
abVisible	REG_SZ	Oui



	page		page
[Apparence]		[FicPRT]	
Couleur1	5	EffaceFIC	4
Couleur2	5	RepFic	14
Couleur3	5	NomFic	14
Couleur4	5	[Modules]	
Diodes	5	Sous-Repertoire	7
HlpCoul1	9	Repertoire	7
HlpCoul2	9	Chargé	7
LblCoul1	9	Module1	7
LblCoul2	9	Module2	7
LblCoul3	9	Module3	7
Wallpaper	10	Module4	7
Fond	10	Module5	7
Skin	5	Module6	7
Printer	11	Module7	7
Theme	12	Module8	7
[Boutons]		Module9	7
Module	12	Module10	7
Config	12	Module11	7
TILogo	12	Module12	7
Son1	12	Module13	7
Son2	12	Module14	7
Cut	12	Module15	7
Stop	12	Module16	7
Trace	12	[Names]	
On	12	Buttons	17
Off	12	Fonts	17
Advance	12	Printers	17
PositAdv	12	Programs	17
[Carte]		Skins	17
Calculatrice	9	Sounds	17
ImgLeft	9	Themes	17
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