

**Application Administration
Guide**



SAP GUI
Administration

Release 7.40, Compilation 1



SAP AG

Neurottstraße 16
69190 Walldorf
Germany
T +49/18 05/34 34 24
F +49/18 05/34 34 20
www.sap.com

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Icons

| Icon | Meaning |
|-----------------------------------------------------------------------------------|----------------|
|  | Caution |
|  | Example |
|  | Note |
|  | Recommendation |
|  | Syntax |

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1 Getting Started

This documentation describes how to configure and administer SAP GUI for Windows.



You can find more information in the Frontend Installation Guide, the Security Guide, and the End User Guide. These documents can be found in the documentation folder of the DVD or on the [SAP GUI Family Page on SCN](#).

SAP GUI Scripting details can be found in the [SAP GUI Scripting Security Guide](#).

2 Application Data Directories

Starting with SAP GUI for Windows 7.20 the local working directory SAPWORKDIR is obsolete and a new Windows-compliant structure is used. Windows offers dedicated directories in which applications can store their application-specific data like configuration files, temporary files, etc. There are two application data directories:

- One is intended for data that should be available to roaming users on whatever machine they log on to. This is the application data directory located directly below the user profile directory and it can be reached using the environment variable `%APPDATA%`.
- The second application data directory is intended for data that will only be needed on the local machine, i.e. it will not be missed by a user when he or she logs on to a different machine. The data in this directory is not available to roaming users.

2.1 Roaming User Application Directory

The configuration files of the SAP GUI are located in the roaming user application directory as shown in the following file/location overview.

- The SAP Logon configuration files *saplogon.ini*, *sapshortcut.ini*, *SAPLogonTree.xml*, and *saprules.xml* are located in:

`%APPDATA%\SAP\Common`



Since other configuration files like *sapmsg.ini*, *saprout.ini*, and service files are used not only by SAP GUI but also by other SAP components, they are stored in the old (< SAP GUI release 7.20) storage location (see [note 38119](#)).

- Input History database:
`%APPDATA%\Roaming\SAP\SAP GUI\History`



The directory for the history database can also be set to another default with the variable *SetSapGuiHistoryDir* while creating installation packages using the SAP Installation Server Administration Tool.

The corresponding registry key is

[HKEY_LOCAL_MACHINE\Software\SAP\SAP Shared] "SaphistoryDir" on 32bit operating systems and

[HKEY_LOCAL_MACHINE\Software\Wow6432Node\SAP\SAP Shared] "SaphistoryDir" on 64bit operating systems.

Use type "Expandable String Value", do not use string!

- Local Tab Order database:
%APPDATA%\Roaming\SAP\SAP GUI\LocalTabOrder
- ABAP Editor Configuration:
%APPDATA%\Roaming\SAP\SAP GUI\ABAP Editor
- Floating Docking Container Configuration:
%APPDATA%\Roaming\SAP\SAP GUI\ABAP Editor\Docking
- SAP GUI Scripts
%APPDATA%\Roaming\SAP\SAP GUI\Scripts

2.2 Local User Application Directory

In the local application data directory, temporary files, traces etc. are stored.

- Folder for temporary documents:
%APPDATA%\Local\SAP\SAP GUI\tmp



Documents in the temporary directory will be deleted, when SAP GUI is closed. You can configure the deletion of files also in other directories. For information on this, refer to the security guide.

- Files downloaded by the user
Windows XP:
C:\Documents and Settings\<username>\My Documents\SAP\SAP GUI
Windows Vista/7:
C:\Users\<username>\Documents\SAP\SAP GUI



The directory for the downloaded files can also be set to another default with the variable *SETSAPWORKDIR* while creating installation packages using the SAP Installation Server Administration Tool.

The corresponding registry key is

[HKEY_LOCAL_MACHINE\Software\SAP\SAP Shared] "SapWorkDir" on 32bit operating systems and

[HKEY_LOCAL_MACHINE\Software\Wow6432Node\SAP\SAP Shared] "SapWorkDir" on 64bit operating systems

Type: Expandable String Value



This registry value was always set by the installation for the SAP GUI for Windows 7.10 and earlier versions. The installer of the SAP GUI for Windows as of 7.20 sets this value only, if a value has been specified in the SAP Installation Server Administration Tool. Therefore, it cannot be assumed that this registry value will exist on a client PC.

The folders for the temporary and user documents should, therefore, be determined using the corresponding methods in the class *CL_GUI_FRONTEND_SERVICES*. The temporary document folder can be obtained using the method *GET_TEMP_DIRECTORY* and the document directory can be retrieved by means of the method *GET_SAPGUI_WORKDIR*.

- Cache:

%APPDATA%\Local\SAP\SAP GUI\Cache



It would not make sense to have the cache in the roaming directory, because it is a local cache. Accessing the cache over the network would nullify the advantages that it would otherwise provide: direct and quick access to an object without a network in between.

- Traces:

Windows XP:

%APPDATA%\SAP\SAP GUI\Traces

3 SAP Logon Configuration

As of SAP GUI for Windows 7.40, there are **two possible SAP GUI installation scenarios**:

- **Installation without SAP NetWeaver Business Client (NWBC)**

The 'classic' configuration without SAP NetWeaver Business Client (NWBC) is quite different from the installation with NWBC. There are more files involved and they are stored in different paths.

- **Installation with SAP NetWeaver Business Client (NWBC)**

When installing SAP GUI with NWBC, the configuration file landscape looks quite different:

- There are only two configuration files involved and they are stored in the same directory.

- The configuration files are the same for SAP GUI for Windows, SAP GUI for Java and SAP GUI for HTML.
- No SAP Logon Icon will be shown on desktop and no shortcuts will be registered to SAP Logon, unless the component `Install SAP GUI Desktop Icon/shortcuts` even though NWBC is installed is selected during installation.



You find a detailed description of the two configuration scenarios in Chapter *Configuration Information* in the **SAP Frontend Installation Guide 7.40** of the installation DVD.

4 Using Branding

You can integrate a company/branding logo in the titlebar of a SAP GUI session. In the SAP GUI Options dialog (page *Visual Design* → *Branding*), this feature is set read-only by default.

Prerequisite

- The feature can be used for SAP Signature, Corbu and Blue Crystal Design.
- The size and format of the logo should be as follows: The optimal height for the picture is 27 pixel. The shown width can be up to 160 pixel, but only if the height of 27 is not exceeded.

If the picture does not fit in size, then the picture will be scaled so that it fits the optimal height of 27 pixel. The width will be scaled symmetrically to the maximal allowed height or asymmetrically to fit the maximal allowed width.

Procedure

Proceed as follows to activate this feature and, optionally, allow users to change branding settings:

1. To rollout the settings to the users, create the following registry keys:

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP\General\Appearance]

[HKEY_LOCAL_MACHINE\SOFTWARE\SAP\General\Appearance] (32 Bit OS)

"UseBrandingImage" (REG_DWORD) = 1 (activates the display of a logo in the titlebar of a SAP GUI session, if a valid path to a branding picture is provided)

"BrandingImage" (REG_SZ) with path name to picture as value data:

C:\<PathToBranding>\<YourCompanyBranding>.png"

By default the branding feature is not editable by the user. Therefore, the users can see the above set values on the page *Visual Design* → *Branding* in the SAP GUI Options dialog, but they cannot change the settings because these are read-only.

2. **Optional:** In order to allow users to set this option from the SAP GUI Options dialog, you need to create the following registry values:

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP\General\Appearance]

[HKEY_LOCAL_MACHINE\Software\SAP\General\Appearance] (32 Bit OS)

"UseBrandingImage_ReadOnly" (REG_DWORD) = 0

"BrandingImage_ReadOnly" (REG_DWORD) = 0

After restart of the SAP Logon, the settings on page *Visual Design* → *Branding* will be editable. When a user changes the settings, the SAP GUI Options dialog writes these values to the following registry values under HKEY_CURRENT_USER:

[HKEY_CURRENT_USER\Software\SAP\General\Appearance]
"UseBrandingImage" (REG_DWORD)
"BrandingImage" (REG_SZ)



The HKEY_CURRENT_USER values have a higher priority than values under HKEY_LOCAL_MACHINE.

5 Setting Logon Language

The default way of setting the SAP logon language is as follows: The logon screen is displayed in the language set in the backend system. If a user enters a SAP language during logon, this language will be used after logon. If the user does not enter a language, the language of the user settings will be used as logon language if it is set. If there is also no entry in the user settings, the language of the system will be used.

The logon language can be predefined in the *SAP Logon Options* → *General* dialog (option *Use SAP Logon language as default on logon screen*) or in the SAP Shortcuts dialog. These language settings are sent during connection setup to the backend. In this way, already the logon screen is displayed in the desired language and the language field is prefilled. This functions also in case of an SSO session.



In a Portal or NWBC environment, where you do not logon via a SAP GUI, an SS02 cookie is used for the connection setup. In this case, the SS02 cookie language is used.

You can switch this language predefinition feature on and off for all or only for certain systems:

- **If you want to switch this feature off for a certain system**, define a SAP Shortcut and choose *default* as language. Then, the user setting or, respectively, the backend system setting is used.
- **If you want a different logon language for a certain system than the one defined as SAP Logon language**, create a shortcut with the corresponding language defined.
- **If you want to switch this feature off for all systems**, deactivate the corresponding option in the *SAP Logon Options* dialog

6 Setting SAP Signature Theme Color

It is possible to display the SAP Signature Theme in different color schemes. The color setting can be defined in the following ways:

- As SAP GUI Default (set in the SAP GUI options dialog)
- By system and optionally by client (set in the SAP GUI options dialog)
- As a System default (set via a profile parameter)

The subsections below describe the different color setting possibilities from the administrator's perspective.

6.1 SAP GUI Default Color for SAP Signature Design

SAP Logon and SAP GUI sessions, which use default color settings configuration on the client machine and for which no SAP Signature color is defined on the SAP system, are shown in the SAP Signature default color (= blue).

To rollout the default SAP Signature color to users, create the following registry key and values under HKEY_LOCAL_MACHINE:

[HKEY_LOCAL_MACHINE\SOFTWARE\SAP\General\Appearance]

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP\General\Appearance]
(on 64-Bit OS)

"SelectedTheme" [REG_DWORD] = 0x1 (SAP Signature Theme)

"SignatureDefaultColor" [REG_SZ] (Possible values: "SAP Gold", "SAP Green", "SAP Purple", "SAP Red" or "SAP Signature Default")

The default SAP Signature color (=blue) can also be changed via the SAP GUI Options dialog on the page *Visual Design* → *Color Settings* (if the *SAP Signature Theme* is selected in the *Theme* combobox). The SAP GUI Options dialog saves the settings under the same registry key and values, but under HKEY_CURRENT_USER. The HKEY_CURRENT_USER registry values have a higher priority than the registry values under HKEY_LOCAL_MACHINE.

6.2 System-Specific SAP Signature Color Settings (Options Dialog)

For SAP systems with a kernel in which the [note 1617682](#) is built in, it is possible to set a different SAP Signature color for different clients of a specific SAP system:

- System-specific Rollout

To roll out the SAP Signature color setting for a specific SAP system, create the following registry key and values under HKEY_LOCAL_MACHINE:

[HKEY_LOCAL_MACHINE\SOFTWARE\SAP\General\Appearance\System\<SID>]

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP\General\Appearance\System\<SID>] (on 64-Bit OS)

(replace "SID" by the system ID of your SAP system)

"ThemeName" [REG_SZ] (Possible values: "SAP Gold", "SAP Green", "SAP Purple", "SAP Red" or "SAP Signature Default")

- Client-specific Rollout

To roll out the SAP Signature color setting for a specific client in a SAP system create the following registry key and values under HKEY_LOCAL_MACHINE:

[HKEY_LOCAL_MACHINE\SOFTWARE\SAP\General\Appearance\System\<SID>\<Client>]

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP\General\Appearance\System\<SID>\<Client>] (on 64-Bit OS)

(replace "SID" by the System ID of your SAP system and replace client by the actual client number, for example 100)

"ThemeName" [REG_SZ] (Possible values: "SAP Gold", "SAP Green", "SAP

6.3 System-Specific SAP Signature Color Settings (System Profile Parameter)

Purple", "SAP Red" or "SAP Signature Default")

The SAP Signature color for systems (and/or clients in system) can also be changed via the SAP GUI Options dialog on the page *Visual Design* → *Colors In System* (if *SAP Signature Theme* is selected in the *Theme* combobox). The SAP GUI Options dialog saves the settings under the same registry keys and values, but under **HKEY_CURRENT_USER**. The HKEY_CURRENT_USER registry values have a higher priority than the registry values under HKEY_LOCAL_MACHINE.

The registry key and values under

[HKEY_LOCAL_MACHINE\SOFTWARE\SAP\General\Appearance\Systems]

are copied at startup of SAP Logon (SAP GUI) from HKEY_LOCAL_MACHINE to HKEY_CURRENT_USER without overwriting existing values.

6.3 System-Specific SAP Signature Color Settings (System Profile Parameter)

A SAP Signature color can be defined in the SAP system via the system profile parameter *sapgui/signature_color*.

[Note 1640960](#) describes this system parameter and how to set it. This note must be part of the kernel in order to support this feature.

There are several ways to overwrite a SAP Signature color which is defined by the SAP system parameter with a local configuration:

- You can ignore the SAP Signature color defined by the SAP system parameter for all systems, if you create the following registry value:

[HKEY_LOCAL_MACHINE\SOFTWARE\SAP\General\Appearance]

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP\General\Appearance]

(on 64-Bit OS)

"SignatureSystemDependentColorsActive" [REG_DWORD] = 0

The setting can also be changed via the SAP GUI Options dialog on page *Visual Design* → *Color Settings*. The checkbox *Accept default color by SAP system* enables/disables the application of the SAP Signature color defined by the SAP system. The SAP GUI Options dialog saves the setting under the same registry key and value but under **HKEY_CURRENT_USER**. The HKEY_CURRENT_USER registry values have a higher priority than the registry values under HKEY_LOCAL_MACHINE.

- You can ignore the SAP Signature color defined by the SAP system parameter for only some specific SAP systems or clients in a SAP system. This can be achieved if one defines another SAP Signature color for this SAP system or client locally on the machine like this is described in section [System and Client-Specific SAP Signature Color Settings \(Options Dialog\)](#) of this guide.

6.4 Priority of the Different SAP Signature Color Configurations

For SAP Logon, only the locally defined default color is used as described in section [SAP GUI Default Color for SAP Signature Design](#) of this guide.

For a SAP GUI session, several settings will be checked:

1. First of all, the **locally** defined SAP Signature color for the **specific client in a specific SAP system** will be checked and applied (see section [System and Client-Specific SAP Signature Color Settings \(Options Dialog\)](#)).
2. If the client setting is not defined, the **locally** defined SAP Signature color for the specific **SAP system** will be checked and applied (see section [System and Client-Specific SAP Signature Color Settings \(Options Dialog\)](#)).
3. If this is also not defined and the default color defined by a SAP system is set to be accepted (otherwise this step will be omitted), the SAP Signature **color defined by the SAP system** will be checked and applied (see section [System-Specific SAP Signature Color Settings \(System Profile Parameter\)](#)).
4. If the profile parameter is not set, the **locally** defined **SAP GUI default color** will be checked and applied (see section [SAP GUI Default Color for SAP Signature Design](#)).
5. If the SAP GUI default color is not defined, SAP GUI session will be show in the **SAP Signature Default color**.

7 Registry Values and Read-Only Feature of SAP GUI Options Dialog

In this chapter, the registry values are listed which are used to customize the behavior, appearance, and functionality of SAP GUI via the SAP GUI Options dialog. In addition, this chapter shows how to define default values for specific SAP GUI settings and how to deactivate some settings in the SAP GUI Options dialog. However, it does not describe the functionality behind the registry values. For this purpose, you have to refer to the SAP GUI end user guide. For the security settings, refer to the Security Guide.



The registry access has been harmonized. This means, for most registry values, SAP GUI will first access HKEY_CURRENT_USER and, if this registry value doesn't exist, then HKEY_LOCAL_MACHINE will be accessed.

If under HKEY_LOCAL_MACHINE this registry value also does not exist, then the SAP GUI default value will be applied. In this document, only exceptions to this approach will be mentioned.

Registry keys for restricting specific settings in the SAP GUI Options dialog are only located under HKEY_LOCAL_MACHINE.

7.1 Read-Only Feature of the SAP GUI Options Dialog

It is possible to restrict the usage of the SAP GUI Options dialog by setting some or all of its options read-only. Setting the options read-only in the UI does not change the reading priority of the registry values. When options have been set read-only, the user can no longer change these settings via the SAP GUI Options dialog.

There are three possibilities to set options in SAP GUI Options dialog read-only.

1. Setting all options read-only

7.1 Read-Only Feature of the SAP GUI Options Dialog

To set all options in the SAP GUI Options dialog read-only, create the following registry values:

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP\General]

[HKEY_LOCAL_MACHINE\SOFTWARE\SAP\General] (32 Bit OS)

"AllOptionsReadOnly" (REG_DWORD) = 1

"CurRegValReadOnlyActive" (REG_DWORD) = 0

Result: In the title bar of the SAP GUI Options dialog, the text "[read-only]" will be added.

2. *Setting most options read-only and exceptions changeable*

To activate the feature that most options in the SAP GUI Options dialog should be read-only and only a few exceptions should remain changeable create the following registry values:

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP\General]

[HKEY_LOCAL_MACHINE\SOFTWARE\SAP\General] (32 Bit OS)

"AllOptionsReadOnly" (REG_DWORD) = 1

"CurRegValReadOnlyActive" (REG_DWORD) = 1

Result: In the title bar of the SAP GUI Options dialog, the text "[partly read-only]" will be added and all options of the SAP GUI Options dialog are read-only. You can now make some special options changeable again by using the following approach:

1. You know the registry value name of the option, for example, "**SelectedTheme**".
2. You know the registry key where the registry value is located, for example, [HKEY_CURRENT_USER\Software\SAP\General\Appearance].
3. Under HKEY_LOCAL_MACHINE, you now add "**_ReadOnly**" to the registry value name, for example, "**SelectedTheme_ReadOnly**", and create the REG_DWORD registry value under the "same" registry key as the original registry key. For example: [HKEY_LOCAL_MACHINE\Software\SAP\General\Appearance] (32 Bit OS);
[HKEY_LOCAL_MACHINE\Wow6432Node\Software\SAP\General\Appearance]
4. Set the "**_ReadOnly**" REG_DWORD registry value to **0**, so that the option belonging to this registry value is again changeable in the SAP GUI Options dialog, for example "**SelectedTheme_ReadOnly**" (REG_DWORD)=0.

3. *Setting most options changeable and only some exceptions read-only*

To activate the feature that most options in the SAP GUI Options dialog should remain changeable and only a few exceptions should be read-only create the following registry values:

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP\General]

[HKEY_LOCAL_MACHINE\SOFTWARE\SAP\General] (32 Bit OS)

"AllOptionsReadOnly" (REG_DWORD) = 0

"CurRegValReadOnlyActive" (REG_DWORD) = 1

Result: In the title bar of the SAP GUI Options dialog, the text "[partly read-only]" will be added and all options of the SAP GUI Options dialog remain editable.

To make specific options read-only, proceed as follows:

1. You know the registry value name of the option, for example "**AnimatedFocus**".

2. You know the registry key, where the registry value is located, for example, [HKEY_CURRENT_USER\Software\SAP\General\Appearance].
3. Under HKEY_LOCAL_MACHINE, you now add “_ReadOnly” to the registry value name, for example, “AnimatedFocus_ReadOnly”, and create the REG_DWORD registry value under the “same” registry key as the original registry key. For example:
[HKEY_LOCAL_MACHINE\Software\SAP\General\Appearance] (32 Bit OS);
[HKEY_LOCAL_MACHINE\Wow6432Node\Software\SAP\General\Appearance]
4. Set the “_ReadOnly” REG_DWORD registry value to 1, so that the option belonging to this registry value will be set read-only in the SAP GUI Options dialog, for example, “AnimatedFocus_ReadOnly” (REG_DWORD)=1.

7.2 Registry Values Used in the SAP GUI Options Dialog

The following sub-chapters describe the registry values that belong to settings in the SAP GUI Options dialog.



If nothing is written about a special handling for the read-only feature, then the particular option can be separately set read-only as described above.

7.2.1 Restore Defaults Button

The (de)activation of the *Restore Defaults* button in the SAP GUI Options screen requires **special handling for the read-only feature**:

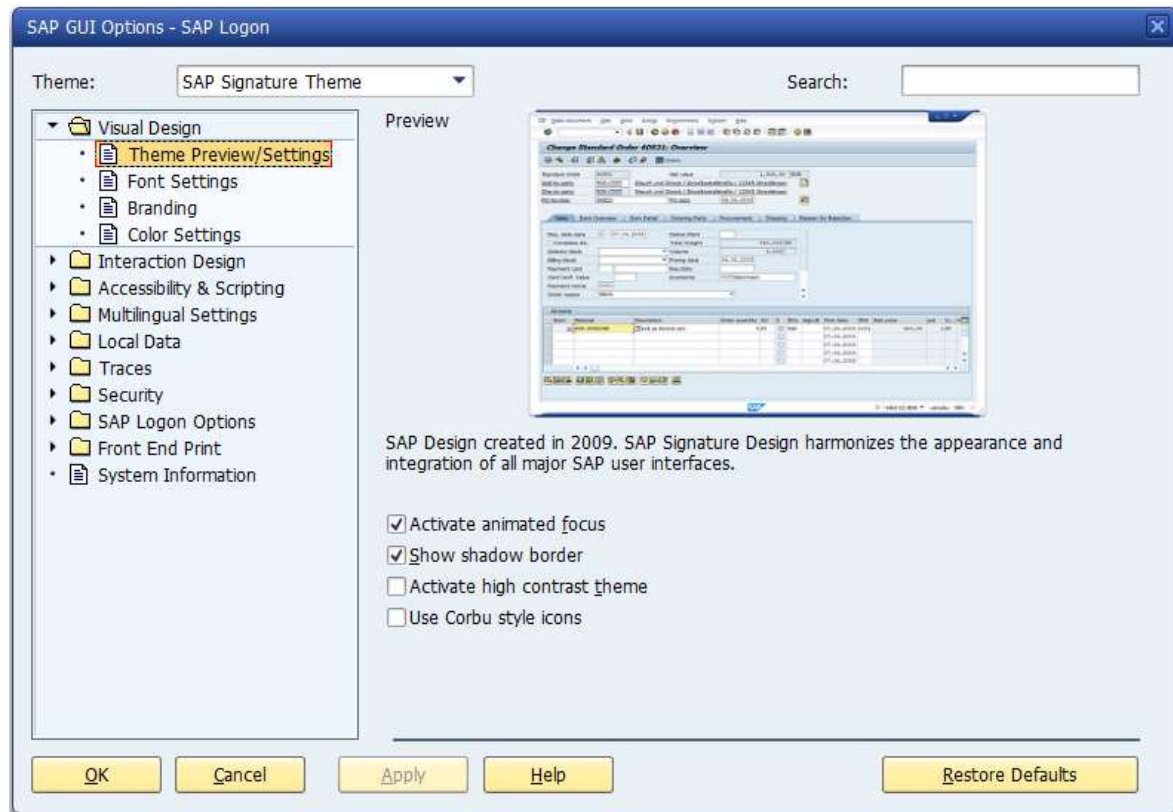
To set the button *Restore Defaults* read-only, create the following registry value:

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP\General\Appearance]

[HKEY_LOCAL_MACHINE\SOFTWARE\SAP\General\Appearance] (on 32 Bit OS)

"RestoreDefaults_ReadOnly"

7.2.2 Theme Preview/Settings Page



Registry Values:

Theme

[HKEY_CURRENT_USER\Software\SAP\General\Appearance]

"SelectedTheme" (REG_DWORD) [Default: "1"]

Possible Values (Invalid Value → SAP Signature Design will be used):

- 0x1 = SAP Signature Design
- 0x2 = Enjoy Theme (Enjoy Design)
- 0x4 = System Dependent Theme (Enjoy Design)
- 0x8 = Streamline Theme (Enjoy Design)
- 0x10 = Tradeshow Theme (Enjoy Design)
- 0x20 = Classic Design
- 0x40 = Corbu Design
- 0x80 = Blue Crystal (MS Windows 7 and higher)

Restricting entries in "Theme" combobox:

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP\General\Appearance\Themes]

[HKEY_LOCAL_MACHINE\SOFTWARE\SAP\General\Appearance\Themes] (32 bit OS)

"SelectableThemes" (REG_DWORD) [Default: "0x7F"] (for restricting entries in "Theme" combobox):

- 0x1 = SAP Signature Design
- 0x2 = Enjoy Theme (Enjoy Design)
- 0x4 = System Dependent Theme (Enjoy Design)
- 0x8 = Streamline Theme (Enjoy Design)
- 0x10 = Tradeshow Theme (Enjoy Design)
- 0x20 = Classic Design
- 0x40 = Corbu Design

Registry Values Used in the SAP GUI Options Dialog

0x80 = Blue Crystal (MS Windows 7 and higher)



Blue Crystal is available as of MS Windows 7. For lower MS releases, the 0x80 Blue Crystal value is treated as invalid entry and the default is used.

Example: In order to allow the selection of “SAP Signature Design” and “Corbu Design” sum up the corresponding values “0x1” and “0x40” → “0x41”.

Activate animated focus (only SAP Signature, Corbu and Blue Crystal Design)

[HKEY_CURRENT_USER\Software\SAP\General\Appearance]

“AnimatedFocus” (REG_DWORD) [Default: “1”] {0 = inactive; 1 = active}

Show shadow border (only SAP Signature and Corbu Design)

[HKEY_CURRENT_USER\Software\SAP\General\Appearance]

“ShowShadowBorder” (REG_DWORD) [Default: “1”] {0 = inactive; 1 = active }

Activate high contrast theme (only SAP Signature Design)

[HKEY_CURRENT_USER\Software\SAP\General\Appearance]

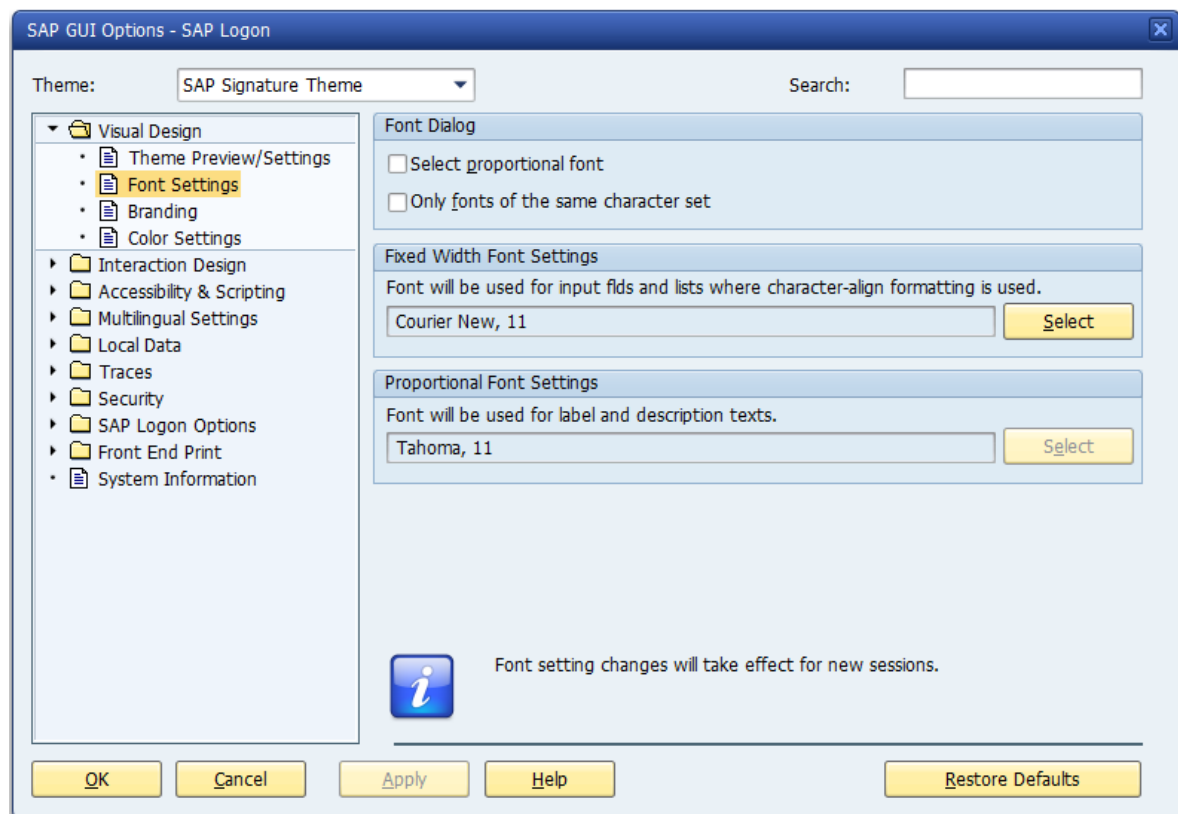
“High Contrast Theme” (REG_DWORD) [Default: “0”] {0 = inactive; 1 = active}

Corbu style icons (only SAP Signature Design)

[HKEY_CURRENT_USER\Software\SAP\General\Appearance]

“Corbulcon” (REG_DWORD) [Default: “0”] {0 = inactive; 1 = active}

7.2.3 Font Setting Page



Registry Values

Select proportional font

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "KanjiFontDialogProp" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active}

Only fonts of the same character set

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "KanjiFontDialogScript" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active}

Fixed Width Font Settings

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "Font.Height" (REG_DWORD) [Default: "15"]
 "Font.Width" (REG_DWORD) [Default: "0"]
 "Font.CharSet" (REG_DWORD) [Default: set system charset or "0"]
 "Font.FaceName" (REG_SZ) [Default: depends on the set charset]



- **Special handling for read-only feature:**

"Setting most options changeable and only some exceptions read-only":

It is enough to set one of the fixed font registry values read-only, so that the *Select* button will be disabled.

"Setting most options read-only and exceptions changeable":

For all the fixed font registry values a corresponding "*_ReadOnly" REG_DWORD registry value must be created and set to "0", so that the *Select* button will be enabled. Until the release of SAP GUI 7.20 patch 2, also the following registry values must be created and set to "0": "Font.Bold_ReadOnly", "Font.Pitch_ReadOnly" and "Font.Size_ReadOnly"

Proportional Font Settings

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "Prop.Height" (REG_DWORD) [Default: "15"]
 "Prop.Width" (REG_DWORD) [Default: "0"]
 "Prop.CharSet" (REG_DWORD) [Default: set system charset or "0"]
 "Prop.FaceName" (REG_SZ) [Default: depends on the set charset]



- **Special handling for read-only feature:**

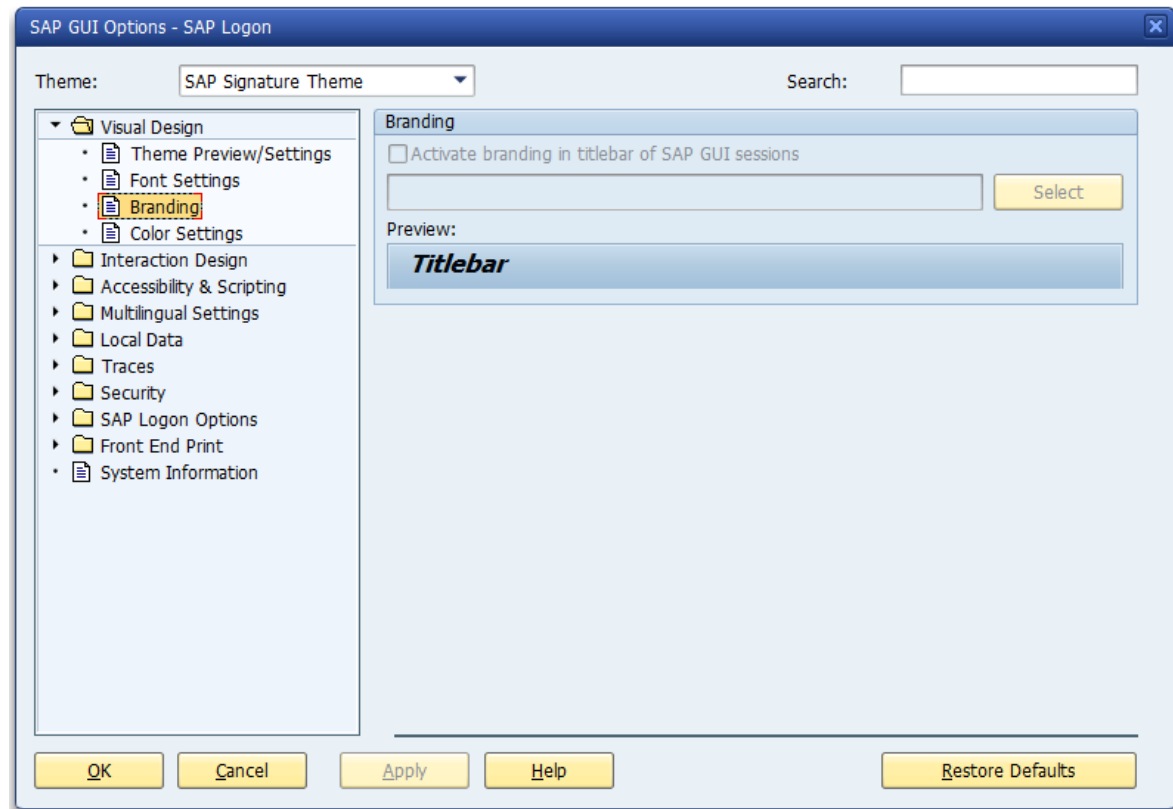
"Setting most options changeable and only some exceptions read-only":

It is enough to set one of the proportional font registry values read-only, so that the *Select* button will be disabled.

"Setting most options read-only and exceptions changeable":

For all the proportional font registry values a corresponding "*_ReadOnly" REG_DWORD registry value must be created and set to "0", so that the *Select* button will be enabled. Until the release of SAP GUI 7.20 patch 2, also the following registry values must be created and set to "0": "Prop.Bold_ReadOnly", "Prop.Pitch_ReadOnly" and "Prop.Size_ReadOnly"

7.2.4 Branding Page



Registry Values

Activate branding

[HKEY_CURRENT_USER\Software\SAP\General\Appearance]

"UseBrandingImage" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active}

Path to branding image

[HKEY_CURRENT_USER\Software\SAP\General\Appearance]

"BrandingImage" (REG_SZ) [Default: ""] {valid path to a valid image file}

By default, this page is read-only. To set this page changeable, create the following registry values (it is not necessary to activate the read-only feature for setting this page changeable):

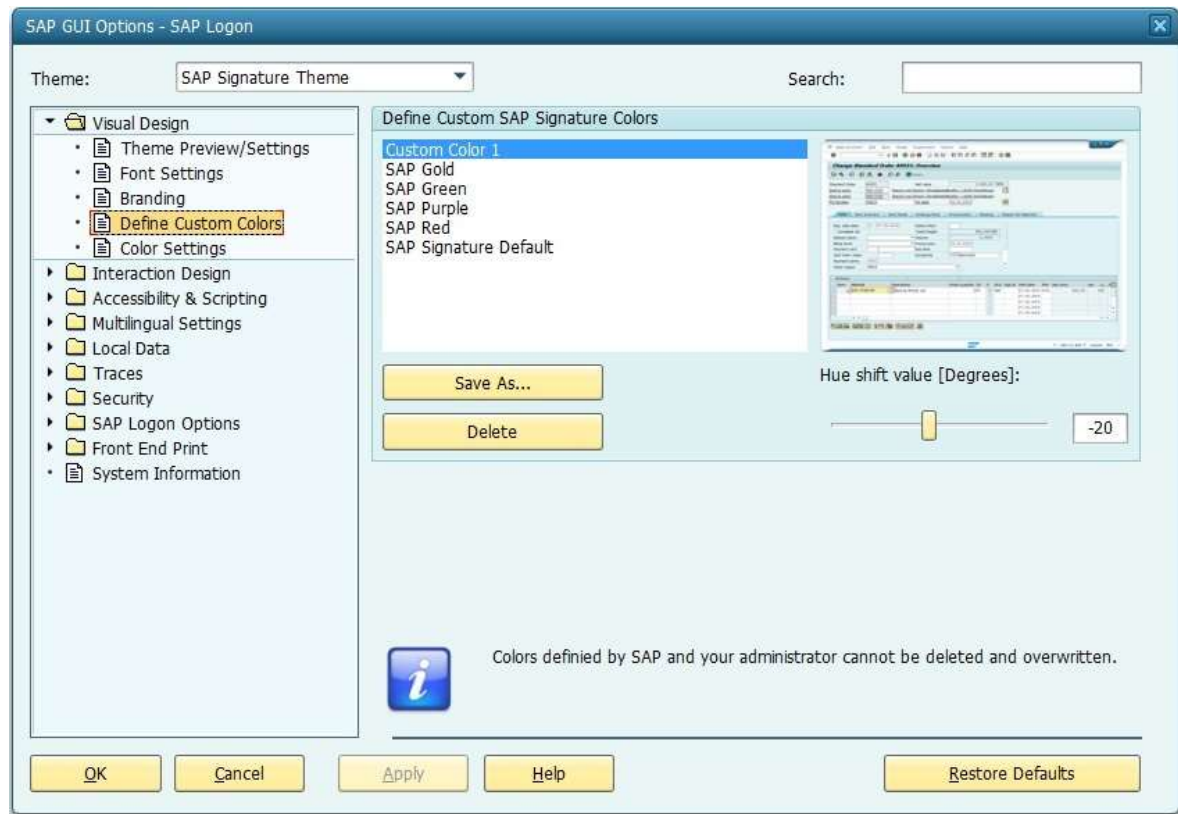
[HKEY_CURRENT_USER\Software\SAP\General\Appearance]

"UseBrandingImage_ReadOnly" (REG_DWORD) = 0

"BrandingImage_ReadOnly" (REG_DWORD) = 0

You find more information on branding in section [Using Branding](#) in this guide.

7.2.5 Define Custom Colors



This dialog is only available for Win7 and when having chosen SAP Signature design.

Registry Values

Define Custom SAP Signature Colors

[HKEY_CURRENT_USER\Software\SAP\General\Appearance\Customer Colors\Custom Color 1]

“Hue” (REG_DWORD) [Default: no default → value must exist] { [0;360]: add 180 to the value which you see in the Options Dialog e.g.: “-20” → calculated **decimal** value for “Hue” registry value “160” }

Registry key name “**Custom Color 1**” is the name of the color, which can be selected as SAP Signature Color on the pages *Color Settings/Colors in Systems*. Names for custom SAP Signature colors are freely selectable with the exception of color names which are already defined by SAP. The *Options* dialog prevents the creation of such values (if you create the registry key/value on your own, make sure you provide correct names for the color and correct values for the hue shift value).

If the “Hue” registry value does not exist, then it will not be listed in the *Options* dialog and has no effect. If a value is bigger than 360, it will be set to 360 (180 in the *Options* dialog).

If there is a registry key under HKLM, HKCU is not checked anymore and this entry cannot be changed or deleted anymore in the Options dialog. This is also the case for the colors predefined by SAP.

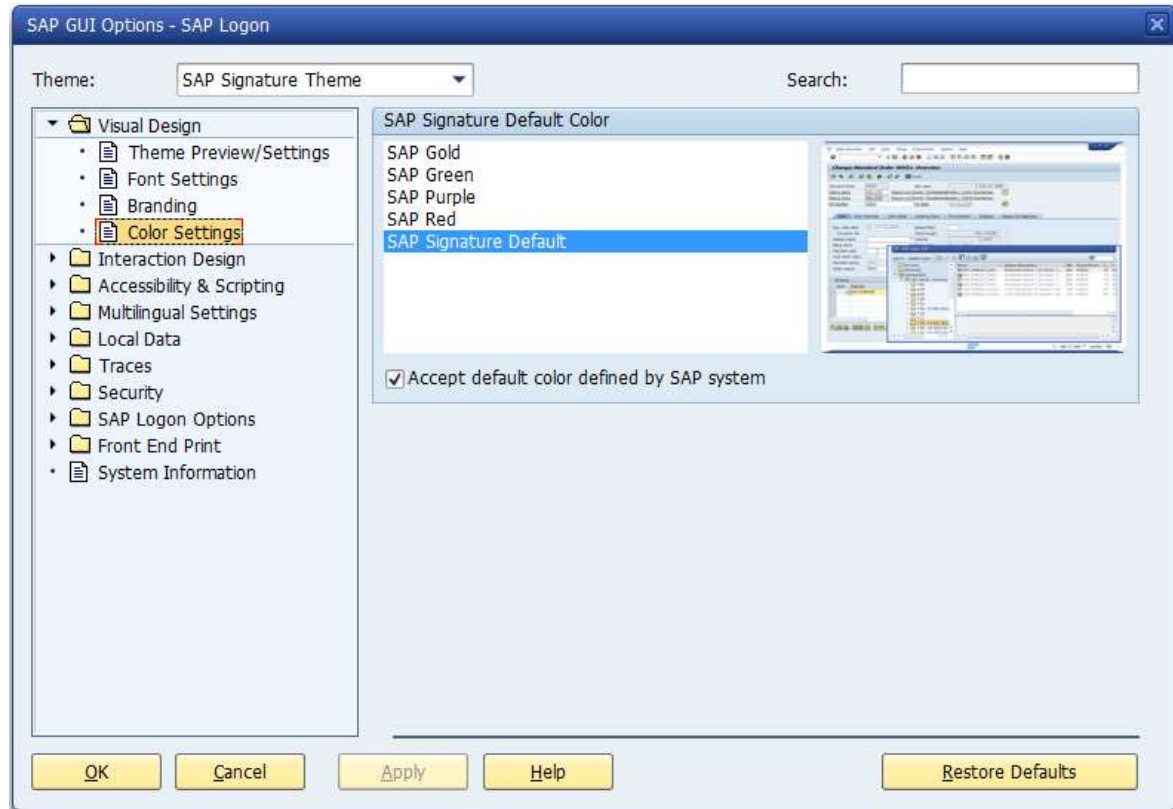
**Special handling for read-only feature:**

It is only possible to set the complete page read-only/changeable by creating the following registry value:

[HKEY_CURRENT_USER\Software\SAP\General\Appearance\Customer Colors]

“CustomColors_ReadOnly” (REG_DWORD)

7.2.6 Color Settings Page



Registry Values

SAP Signature Default Color

[HKEY_CURRENT_USER\Software\SAP\General\Appearance]

“SignatureDefaultColor” (REG_SZ) [Default: “”]

Possible values:

“SAP Gold”

“SAP Green”

“SAP Purple”

“SAP Red”

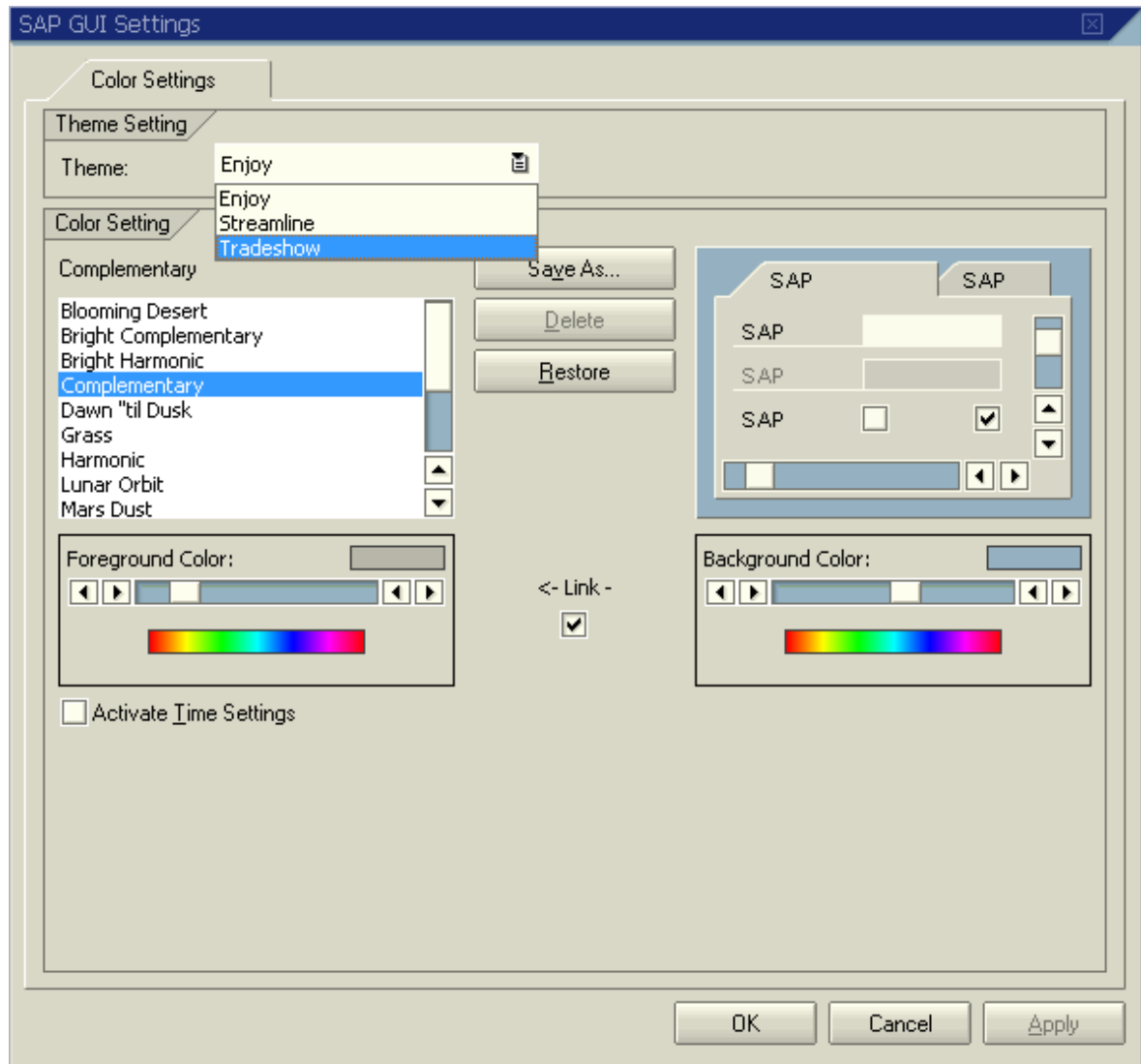
“SAP Signature Default”; in case of an empty string, missing registry value, or invalid value, the SAP Signature Default is used.

Accept default color defined by SAP systems

[HKEY_CURRENT_USER\Software\SAP\General\Appearance]

“SignatureSystemDependentColorsActive” (REG_DWORD) [Default: “1”] {0 = inactive; 1 = active}

7.2.7 Enjoy Design Color Setting Page



Registry Values

Here, the registry key depends on selected theme:

[HKEY_CURRENT_USER\Software\SAP\General\Appearance\Themes\Enjoy] or
 [HKEY_CURRENT_USER\Software\SAP\General\Appearance\Themes\Streamline] or
 [HKEY_CURRENT_USER\Software\SAP\General\Appearance\Themes\Tradeshow]

All changes will be stored under this registry key.

At SAP Logon (Pad) start-up, default values from HKEY_LOCAL_MACHINE will be copied to HKEY_CURRENT_USER, if the registry value does not already exist.



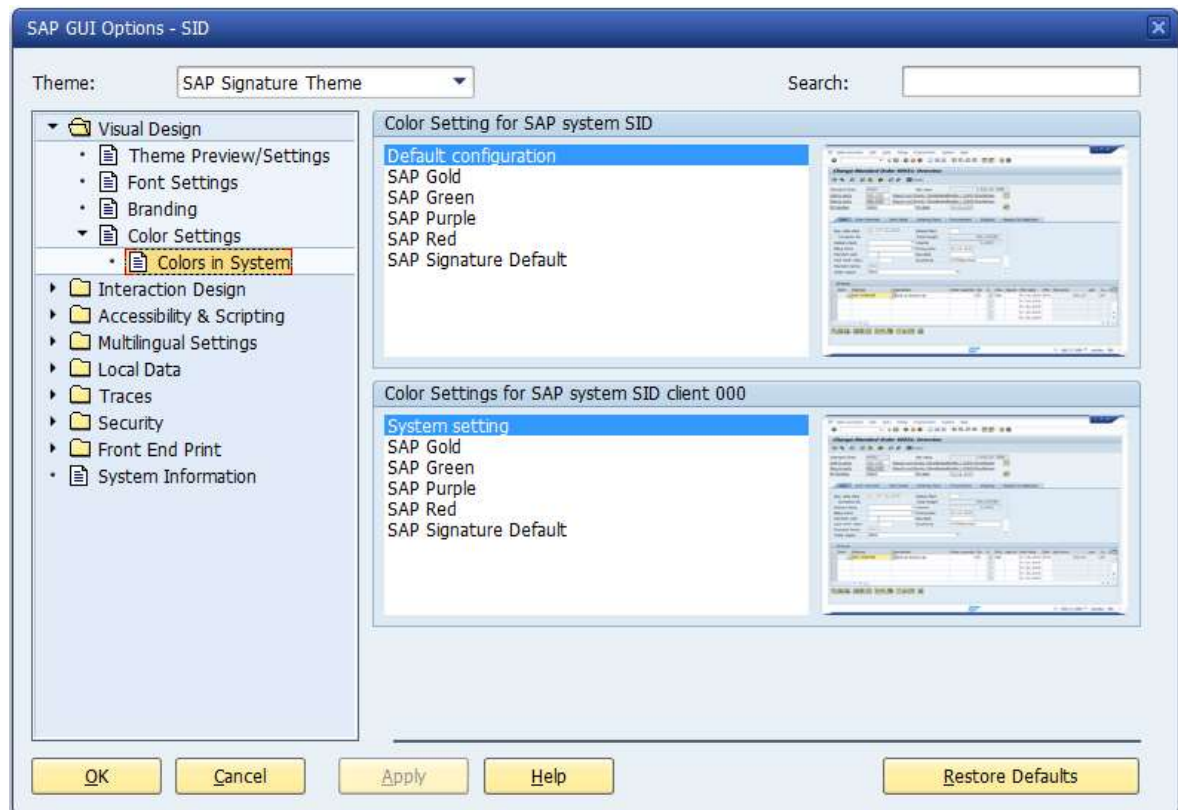
Special handling for read-only feature:

It is only possible to set the complete dialog read-only/changeable by creating the following registry value:

[HKEY_LOCAL_MACHINE\Wow6432Node\Software\SAP\General\Appearance\Theme
 s]

[HKEY_LOCAL_MACHINE\Software\SAP\General\Appearance\Themes]
 (on 32 Bit OS)
 "ThemesCustomize_ReadOnly" (REG_DWORD)

7.2.8 Colors in System Page



Registry Values

Color Setting for SAP system SID

[HKEY_CURRENT_USER\Software\SAP\General\Appearance\System\SID]

"ThemeName" (REG_SZ) [Default: registry key and registry value do not exist] {"SID" in the registry key is your SAP System ID}

Possible values:

Value does not exist or is empty → "Default configuration" or SAP system configuration

"SAP Gold"

"SAP Green"

"SAP Purple"

"SAP Red"

"SAP Signature Default"

Color Settings for SAP system SID client <number> (only possible in SAP Signature Design and if the backend supports this feature)

[HKEY_CURRENT_USER\Software\SAP\General\Appearance\System\SID\000]

"ThemeName" (REG_SZ) [Default: registry key and registry value do not exist] {"SID" in the

registry key is your SAP System ID and <number> is the current client in the SAP system, for example 000}

Possible values: the same like for “Color Setting for SAP system SID”

You find more information for system/client-dependent color theming in section [Setting SAP Signature Theme Color](#).



Special handling for read-only feature:

It is only possible to set the complete page read-only/changeable by creating the following registry value:

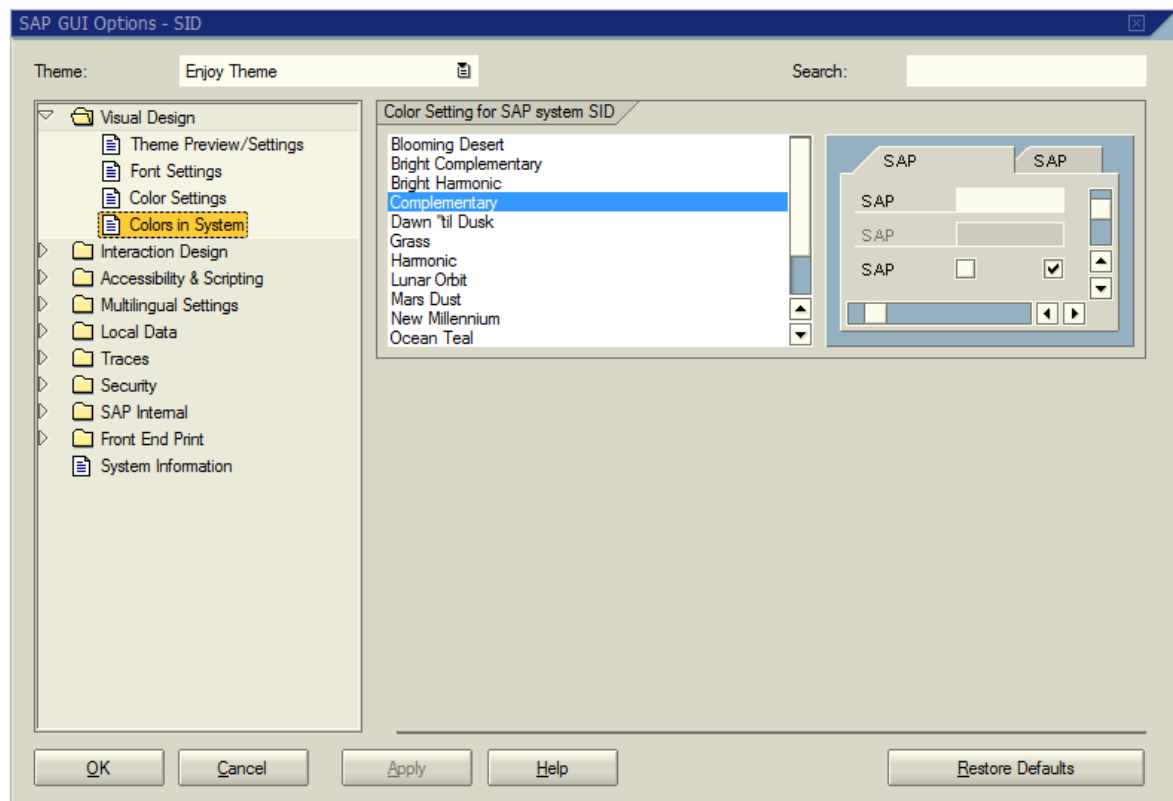
[HKEY_LOCAL_MACHINE\Wow6432Node\Software\SAP\General\Appearance\System s]

[HKEY_LOCAL_MACHINE\Software\SAP\General\Appearance\System s]

(on 32 Bit OS)

“ColorsSystemSpecific_ReadOnly” (REG_DWORD)

7.2.9 Enjoy Design Color in System Page



Registry Values

Registry Values Used in the SAP GUI Options Dialog

System-dependent Enjoy Design theme

[HKEY_CURRENT_USER\Software\SAP\General\Appearance\Systems\SID]

“Theme” (REG_SZ) [Default: registry key and registry value do not exist] {“SID” in the registry key is your SAP System ID}

Possible values:

“Enjoy”

“Streamline”

“Tradeshaw”

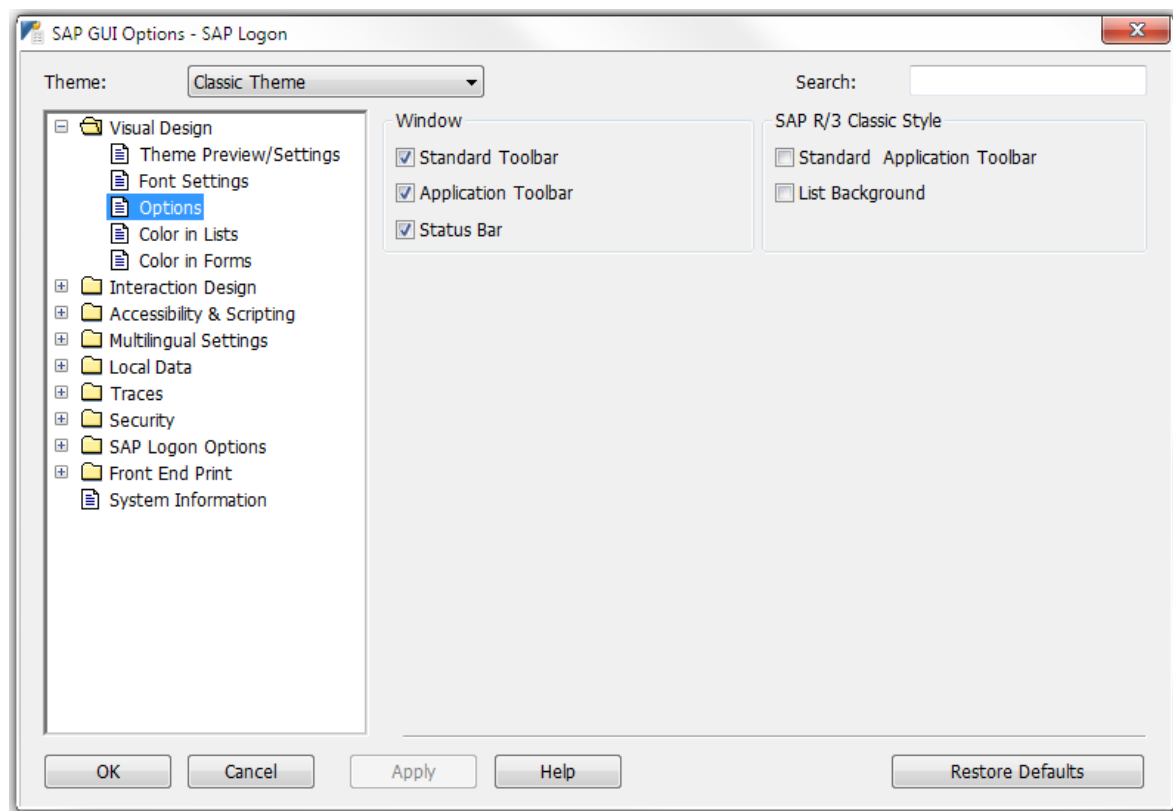
Color Setting for SAP System SID (only possible in Enjoy Design and if the backend support this feature)

[HKEY_CURRENT_USER\Software\SAP\General\Appearance\Systems\SID]

“ActiveColorSetting” (REG_SZ) [Default: registry key and registry value do not exist] {“SID” in the registry key is your SAP System SID}

Possible values: available color settings name from the listbox, for example, “Complementary” for “Enjoy”

7.2.10 Classic Design – Options page

**Registry Values****Standard Toolbar**

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]

“Toolbar” (REG_DWORD) [Default: “1”] {0 = inactive; 1 = active}

Application Toolbar

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]

“Buttonbar” (REG_DWORD) [Default: “1”] {0 = inactive; 1 = active}

Status Bar

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "Statusbar" (REG_DWORD) [Default: "1"] {0 = inactive; 1 = active}

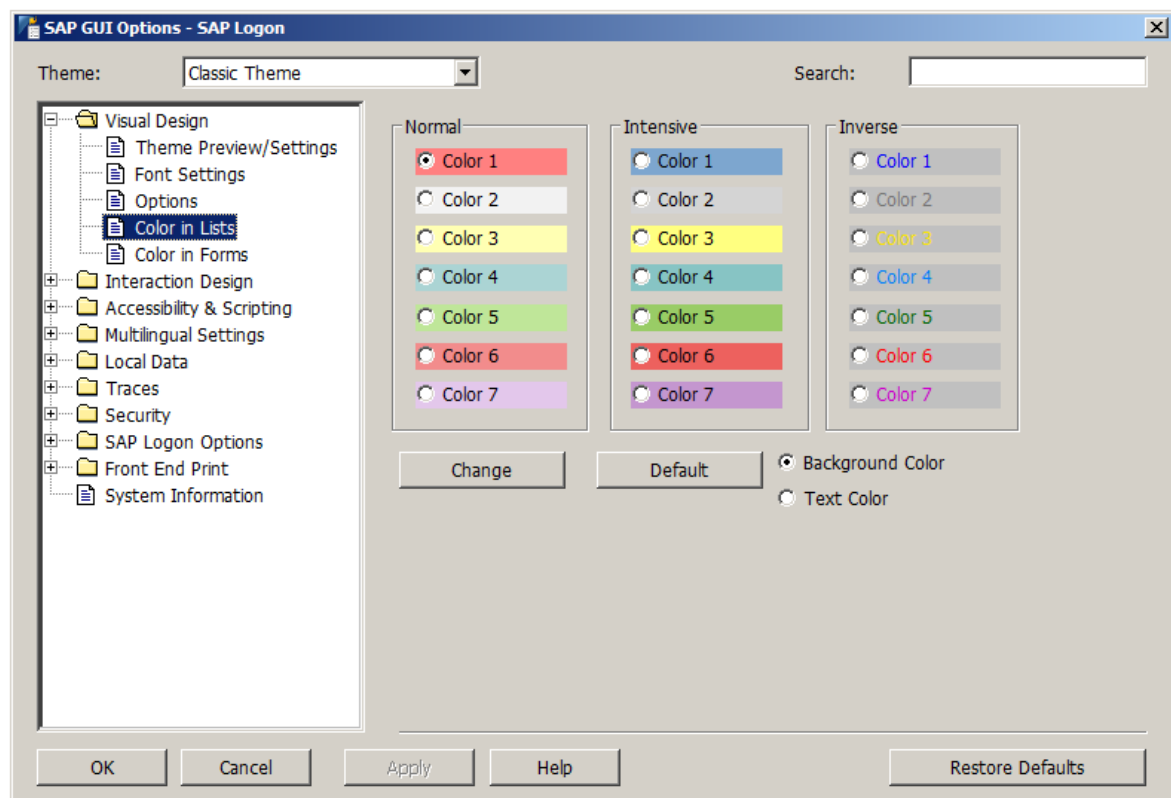
Standard Application Toolbar

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "Toolbar.RegularButtons" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active}

List Background

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "ColorScheme" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active}

7.2.11 Classic Design – Color in Lists Page

**Registry Values****Normal**

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Palette]

Background Color

"NormalColor1" (REG_SZ) [Default: "255 128 128"] {RGB value} till

"NormalColor7" (REG_SZ) [Default: "227 199 235"] {RGB value}

Text Color

"NormalText1" (REG_SZ) [Default: "0 0 0"] {RGB value} till

"NormalText7" (REG_SZ) [Default: "0 0 0"] {RGB value}

Intensive

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Palette]

Registry Values Used in the SAP GUI Options Dialog

Background Color

"IntensiveColor1" (REG_SZ) [Default: "125 166 207"] {RGB value} till

"IntensiveColor7" (REG_SZ) [Default: "196 150 207"] {RGB value}

Text Color

"IntensiveText1" (REG_SZ) [Default: "0 0 0"] {RGB value} till

"IntensiveText7" (REG_SZ) [Default: "0 0 0"] {RGB value}

Inverse

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Palette]

Background Color

"InverseColor1" (REG_SZ) [Default: "192 192 192"] {RGB value} till

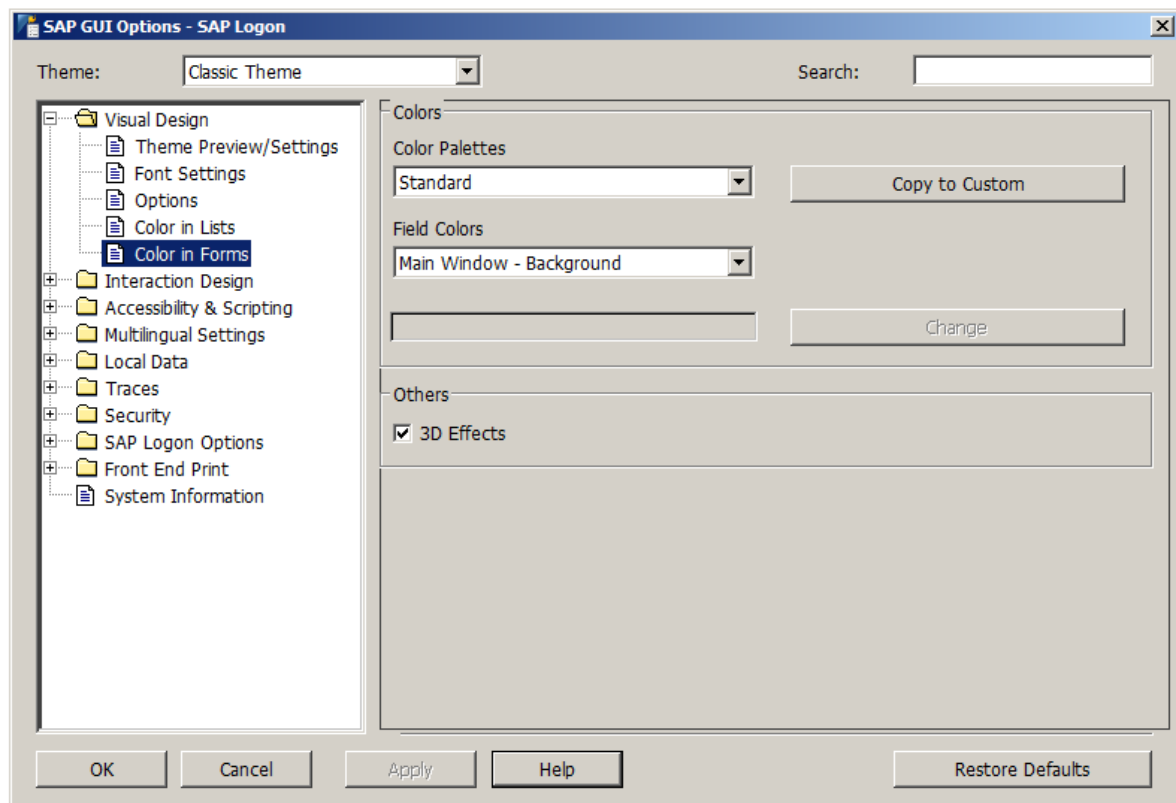
"InverseColor7" (REG_SZ) [Default: "192 192 192"] {RGB value}

Text Color

"InverseText1" (REG_SZ) [Default: "0 0 255"] {RGB value} till

"InverseText7" (REG_SZ) [Default: "204 0 204"] {RGB value}

7.2.12 Classic Design – Color in Forms Page

**Registry Values****Color Palettes**

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Palette]

"Palette" (REG_DWORD) [Default: "0"]

Possible values: 1 - 12

Field Colors

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Palette]

"Edit.BgndBrush" (REG_SZ) [Default: "255 255 255"] {RGB value}

"Edit.FocusBrush" (REG_SZ) [Default: "255 255 255"] {RGB value}

"Edit.TextNorm" (REG_SZ) [Default: "0 0 0"]

7.2 Registry Values Used in the SAP GUI Options Dialog

"Edit.TextInt" (REG_SZ) [Default: "255 0 0"]

"Read.BgndBrush" (REG_SZ) [Default: system defined value for "Face color for three-dimensional display elements and for dialog box backgrounds"] {RGB value}

"Read.FocusBrush" (REG_SZ) [Default: same value as "Read.BgndBrush"] {RGB value}

"Read.TextNorm" (REG_SZ) [Default: "0 0 0"] {RGB value}

"Read.TextInt" (REG_SZ) [Default: "0 0 255"] {RGB value}

"Static.TextNorm" (REG_SZ) [Default: "0 0 0"] {RGB value}

"Static.TextInt" (REG_SZ) [Default: "0 0 255"] {RGB value}

"Frame.BgndBrush" (REG_SZ) [Default: same value as "Read.BgndBrush"] {RGB value}

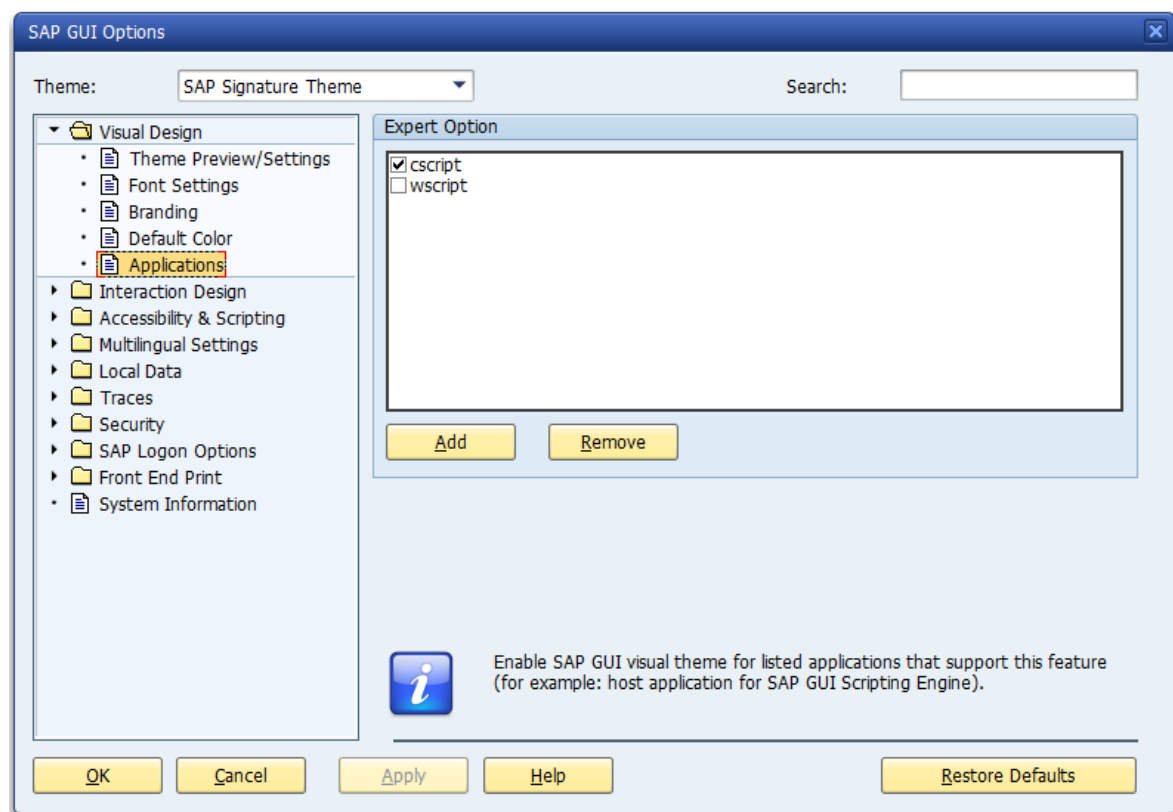
"View.BgndBrush" (REG_SZ) [Default: same value as "Read.BgndBrush"] {RGB value}

3D Effects

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]

"Shadow" (REG_DWORD) [Default: "1"]

"ListEffect" (REG_DWORD) [Default: "1"]

7.2.13 Applications Page**Registry Values****Application name in list**

[HKEY_CURRENT_USER\Software\SAP\General\Applications\<application>], for example:

[HKEY_CURRENT_USER\Software\SAP\General\Applications\cscript]

In this example, "cscript" is the application name of "cscript.exe".

Enable SAP GUI visual theme (checked/unchecked state)

[HKEY_CURRENT_USER\Software\SAP\General\Applications\cscript]

"Enjoy" (REG_SZ) [Default: "On"] {"Off" = inactive; "On" = active}

**Special handling for read-only feature:**

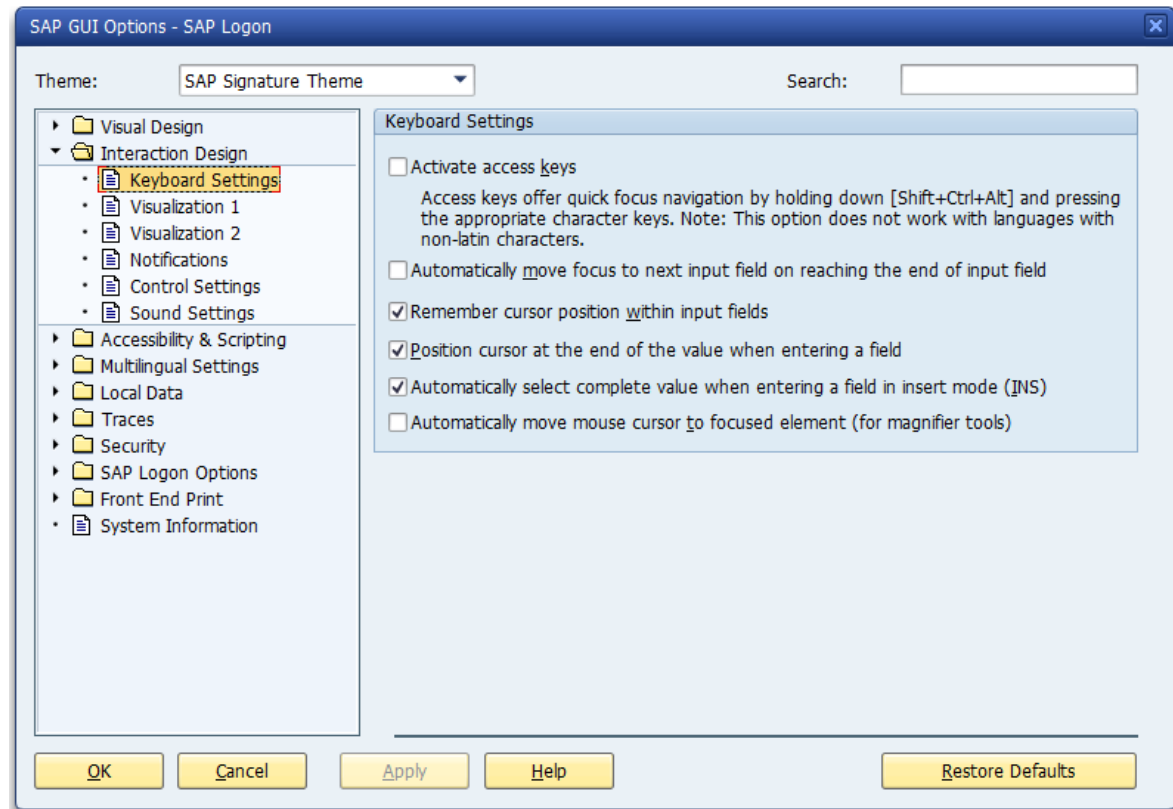
To set the whole page read-only/changeable, create the following registry value:

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP\General\Applications]

[HKEY_LOCAL_MACHINE\SOFTWARE\SAP\General\Applications] (on 32-Bit OS)

"AppsSapGuiVisualTheme_ReadOnly"

7.2.14 Keyboard Settings Page



Registry Values

Activate access keys

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
"UseClientAccesskeys" (REG_DWORD) [Default: AccMode enabled → "1" otherwise "0"] {0 = inactive; 1 = active}

Automatically move focus to next input field

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
"AutoTAB" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active}

Remember cursor position within input fields

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
"PositionTAB" (REG_DWORD) [Default: "1"] {0 = inactive; 1 = active}

Position cursor at the end of value when entering a field

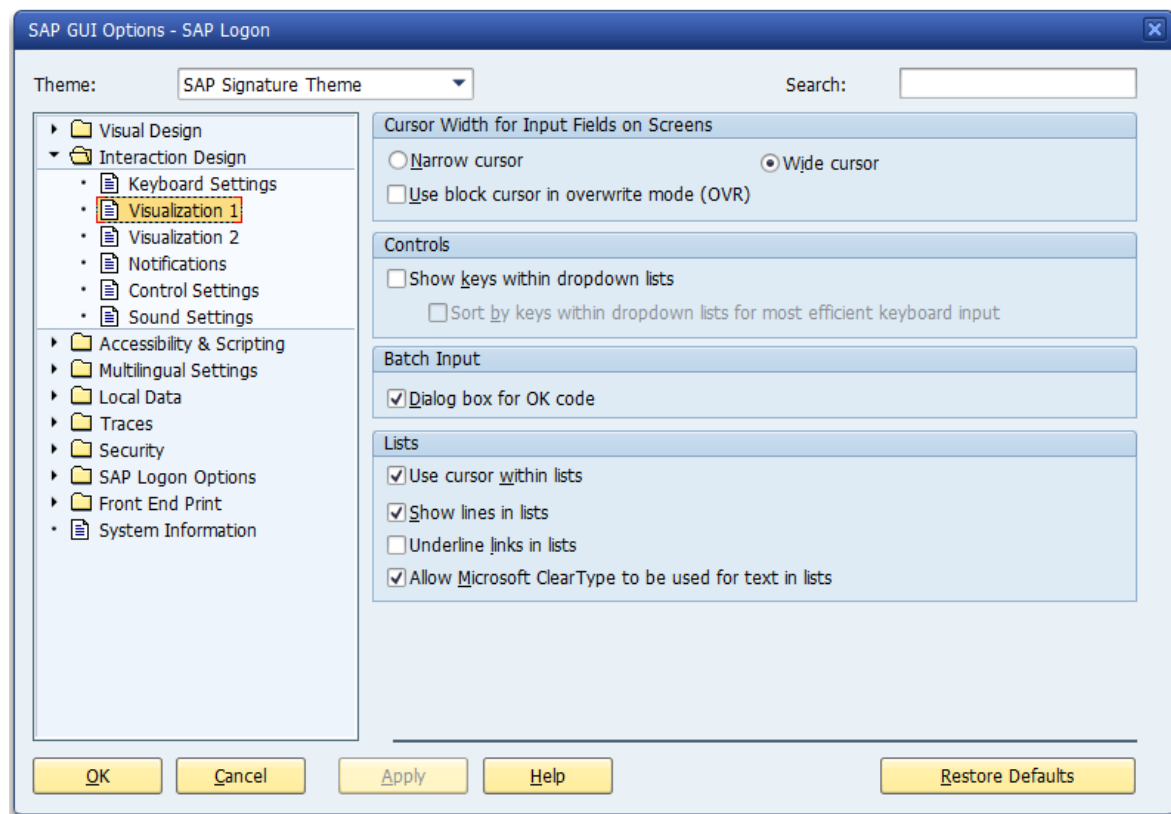
[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
"PositionMouse" (REG_DWORD) [Default: "1"] {0 = inactive; 1 = active}

Automatically select complete value

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "Edit.EnterFieldSelectAll" (REG_DWORD) [Default: "1"] {0 = inactive; 1 = active}

Automatically move mouse cursor to focused element

[HKEY_CURRENT_USER\Software\SAP\General\Applications]
 "MouseFollowFocus" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active}

7.2.15 Visualization 1 Page**Registry Values***Cursor Width for Input Fields on Screens*

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "Edit.CaretWidth" (REG_DWORD) [Default: "2"] {1 = narrow; 2 = wide}

Use block cursor in overwrite mode (OVR)

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "Edit.BlockCursor" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active}

Show keys within dropdown lists

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "Dropdown.ShowKey" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active}

Sort by keys within dropdown lists

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "Dropdown.SortKey" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active}



This option can only be activated, if also *Show key within dropdown lists* is activated.

Dialog box for OK code

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "PopupBatchIn" (REG_DWORD) [Default: "1"] {0 = inactive; 1 = active}

Use cursor within lists

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "ListCursor" (REG_DWORD) [Default: "1"] {0 = inactive; 1 = active}

Show lines in lists

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "ListLines" (REG_DWORD) [Default: "1"] {0 = inactive; 1 = active}

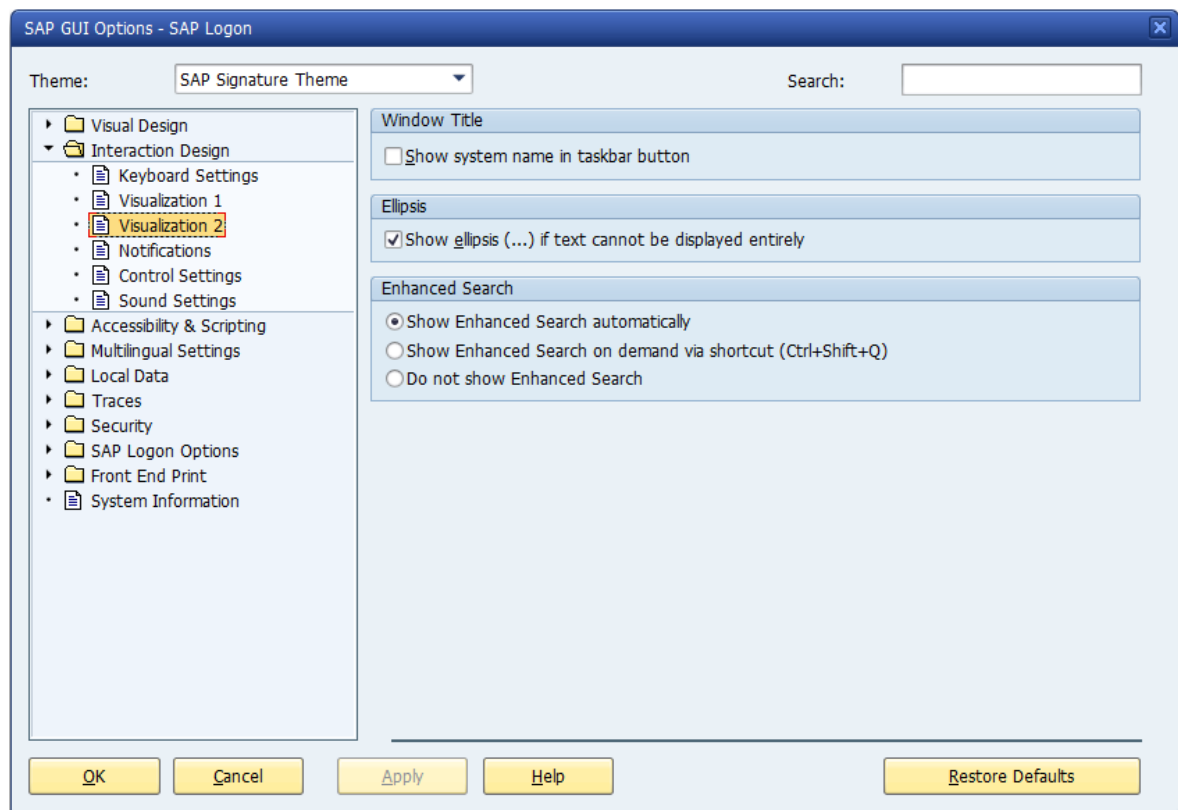
Underline links in lists

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "UnderlineHotspot" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active}

Allow Microsoft ClearType to be used for texts in lists

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "ListAllowClearType" (REG_DWORD) [Default: "1"] {0 = inactive; 1 = active}

7.2.16 Visualization 2 Page



Registry Values

Show system name in taskbar button

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Administration]
 "ShowAdditionalTitleInfo" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active }

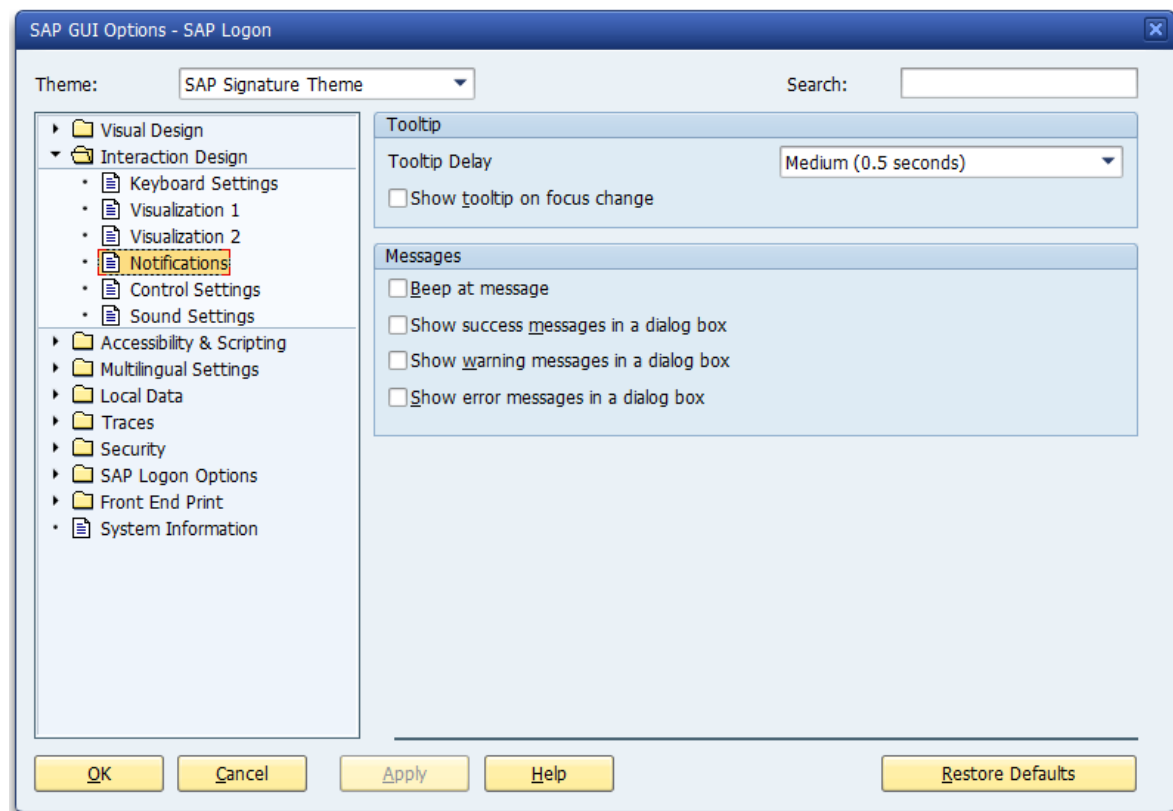
Ellipsis

[HKEY_CURRENT_USER\Software\SAP\General\Appearance]
 "EllipsisFor18n" (REG_DWORD) [Default: "1"] {0 = inactive; 1 = active}

Enhanced Search

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "EnhancedSearchMode" (REG_DWORD) [Default: "1"] {0 = do not show; 1 = show automatically;
 2 = show on demand}

7.2.17 Notifications Page



Registry Values

Tooltip delay

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "BubbleDelay" (REG_DWORD) [Default: "1"] {0 = quick; 1 = medium; 2 = slow; 3 = none}

Show tooltip on focus change

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "BubbleOnTab" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active}

Registry Values Used in the SAP GUI Options Dialog

Beep at message

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "BeepError" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active}

Show success messages in a dialog box

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "PopupSuccess" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active}

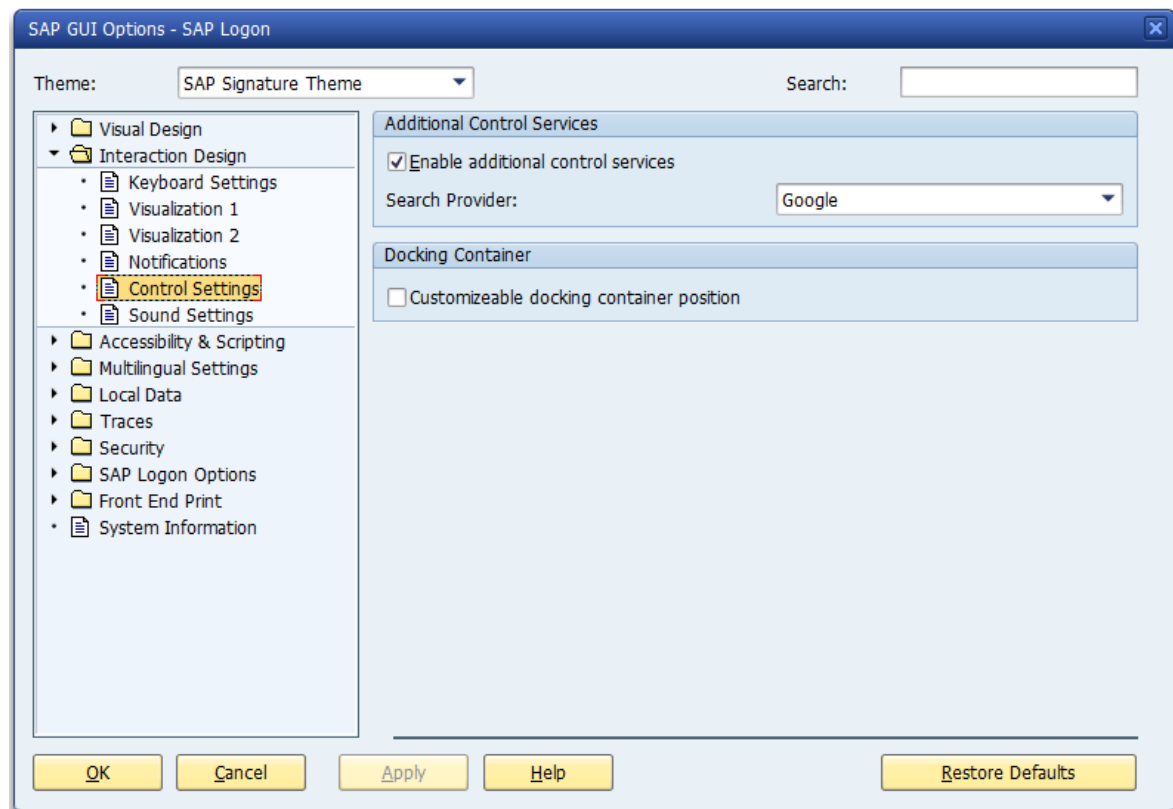
Show warning messages in a dialog box

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "PopupWarning" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active}

Show error messages in a dialog box

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "PopupError" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active}

7.2.18 Control Settings Page



Registry Values

Enable additional control services

[HKEY_CURRENT_USER\Software\SAP\General]
 "SAPGUIControlPlugin" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active }

Search Provider

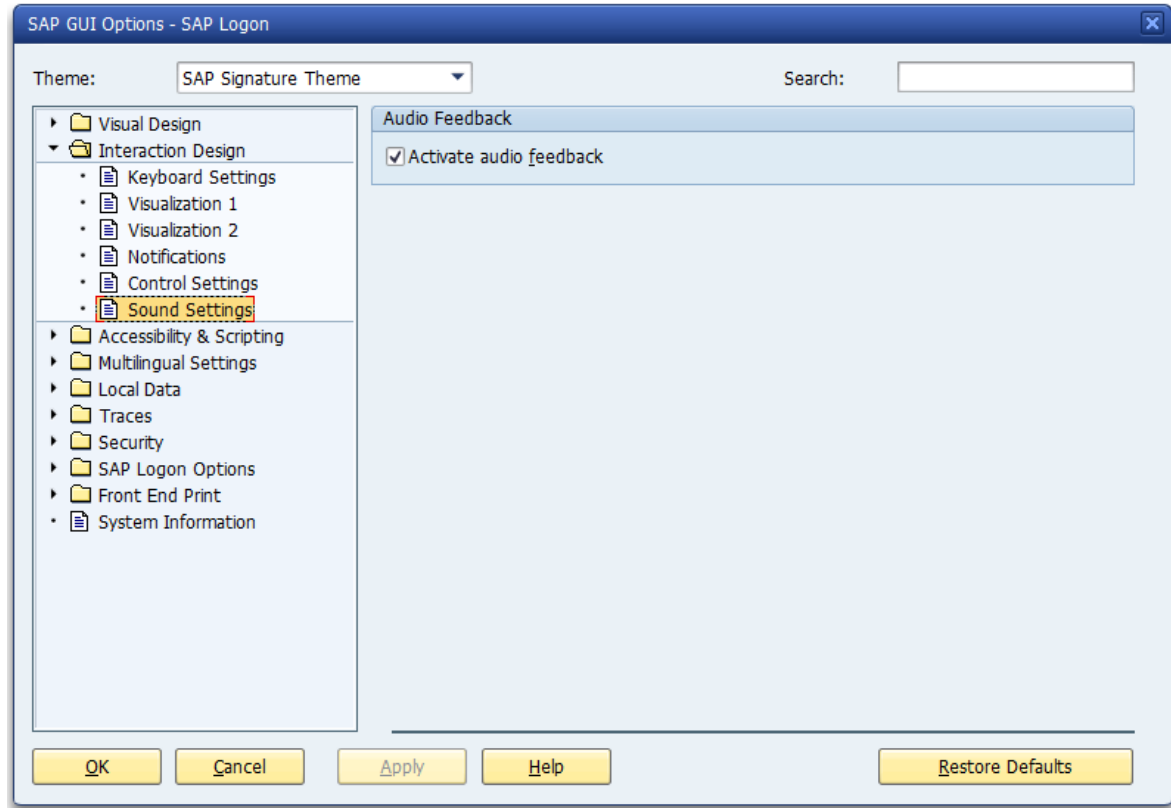
[HKEY_CURRENT_USER\Software\SAP\General\ControlServices\WebSearchEngine]
 "WebSearchEngine" (REG_SZ) [Default: "Google"] {"AltaVista", "Google", "MSN", "Yahoo!"}

Customizeable docking container position

[HKEY_CURRENT_USER\Software\SAP\General]

"SAPDockAllowMoveSave" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active}

7.2.19 Sound Settings Page



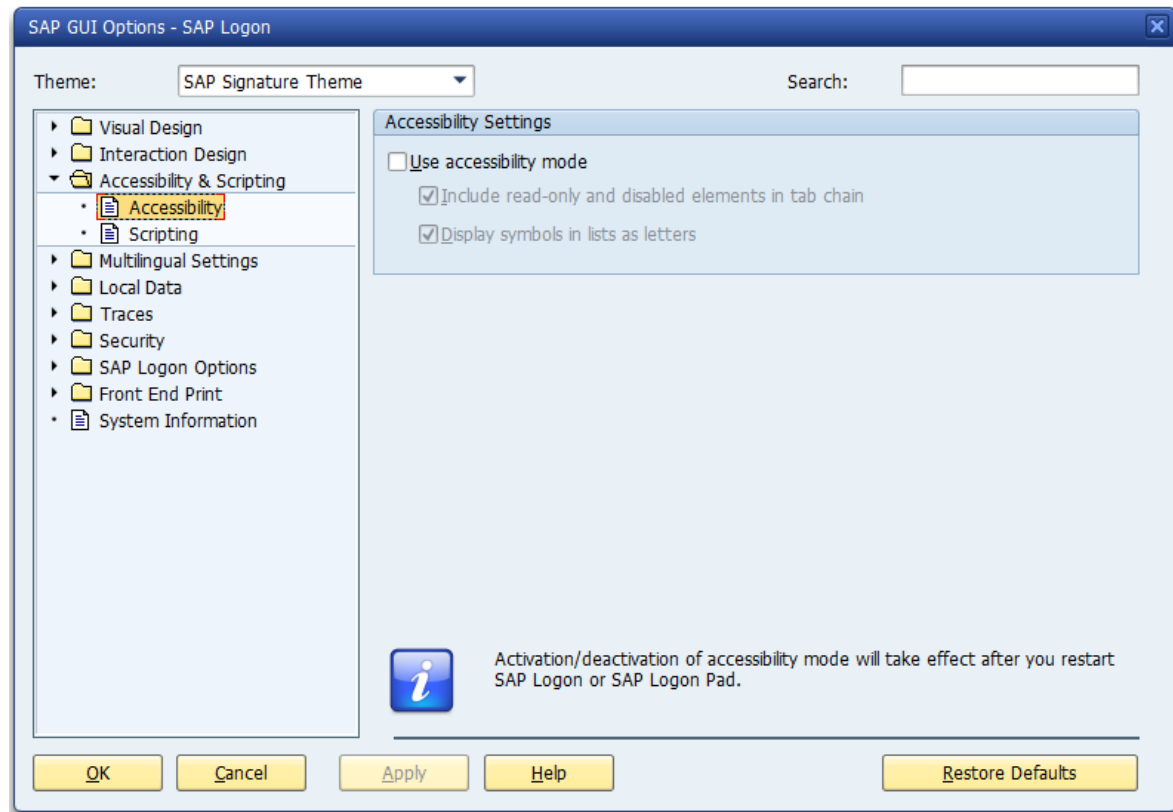
Registry Values

Activate Audio Feedback

[HKEY_CURRENT_USER\Software\SAP\General\Appearance]

"Sound" (REG_SZ) [Default: "On"] {"Off" = inactive; "On" = active }

7.2.20 Accessibility Page



Registry Values

Use accessibility mode

[HKEY_CURRENT_USER\Software\SAP\General]

"AccMode" (REG_SZ) [Default: "Off"] {"Off" = inactive; "On" = active }



This option has to be activated to be able to activate the two options mentioned below.

Include read-only and disabled elements in tab chain

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Accessibility]

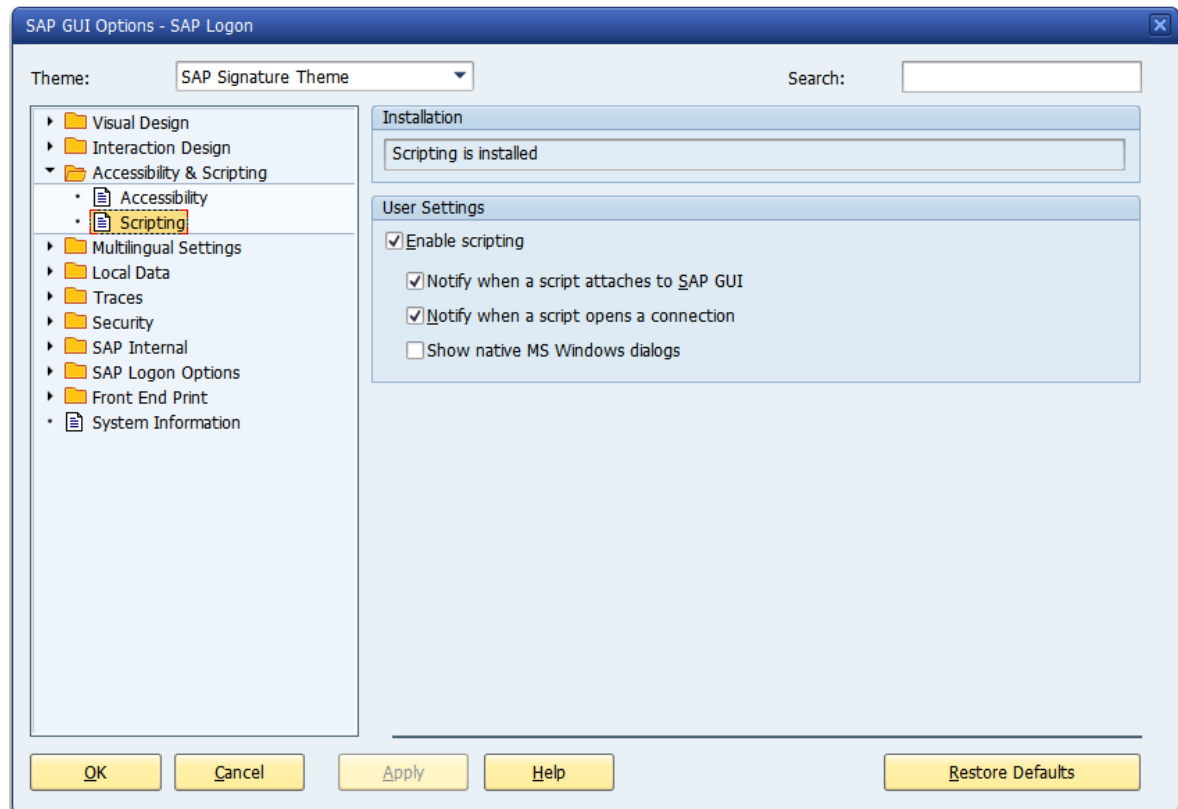
"EnhancedTabChain" (REG_DWORD) [Default: "1"] {0 = inactive; 1 = active }

Display symbols in lists as letters

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Accessibility]

"SymbolsAsLetters" (REG_DWORD) [Default: "1"] {0 = inactive; 1 = active }

7.2.21 Scripting Page



Registry Values



If SAP GUI Scripting is not installed, you see the corresponding message *Scripting is not installed* in the *Installation* field. If this is the case, the options below cannot be set. For more information on SAP GUI Scripting, see [SAP GUI Scripting Security Guide](#).

Enable Scripting

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Security]
 "UserScripting" (REG_DWORD) [Default: "1"] {0 = inactive; 1 = active }



This option has to be activated to be able to activate the two options mentioned below.

Notify when a script attaches to SAP GUI

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Security]
 "WarnOnAttach" (REG_DWORD) [Default: "1"] {0 = inactive; 1 = active }

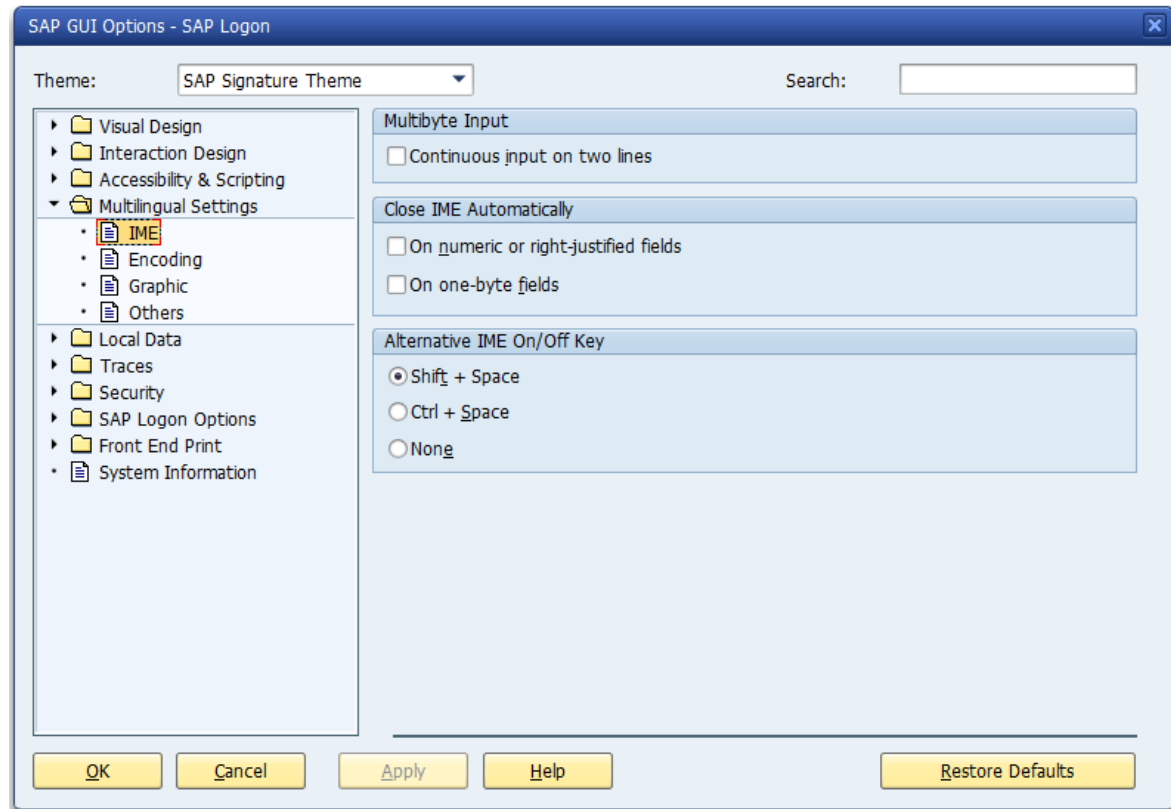
Notify when a script opens a connection

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Security]
 "WarnOnConnection" (REG_DWORD) [Default: "1"] {0 = inactive; 1 = active }

Show native MS Windows dialogs

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Scripting]

"ShowNativeWinDlgs" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active}

For more information on this feature, see SAP note [1974590](#).**7.2.22 IME Page****Registry Values***Continuous input on two lines*

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]

"KanjiContInput" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active }

Close IME on numeric or right-justified fields

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]

"ImeCloseRJustify" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active }

Close IME on one-byte fields

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]

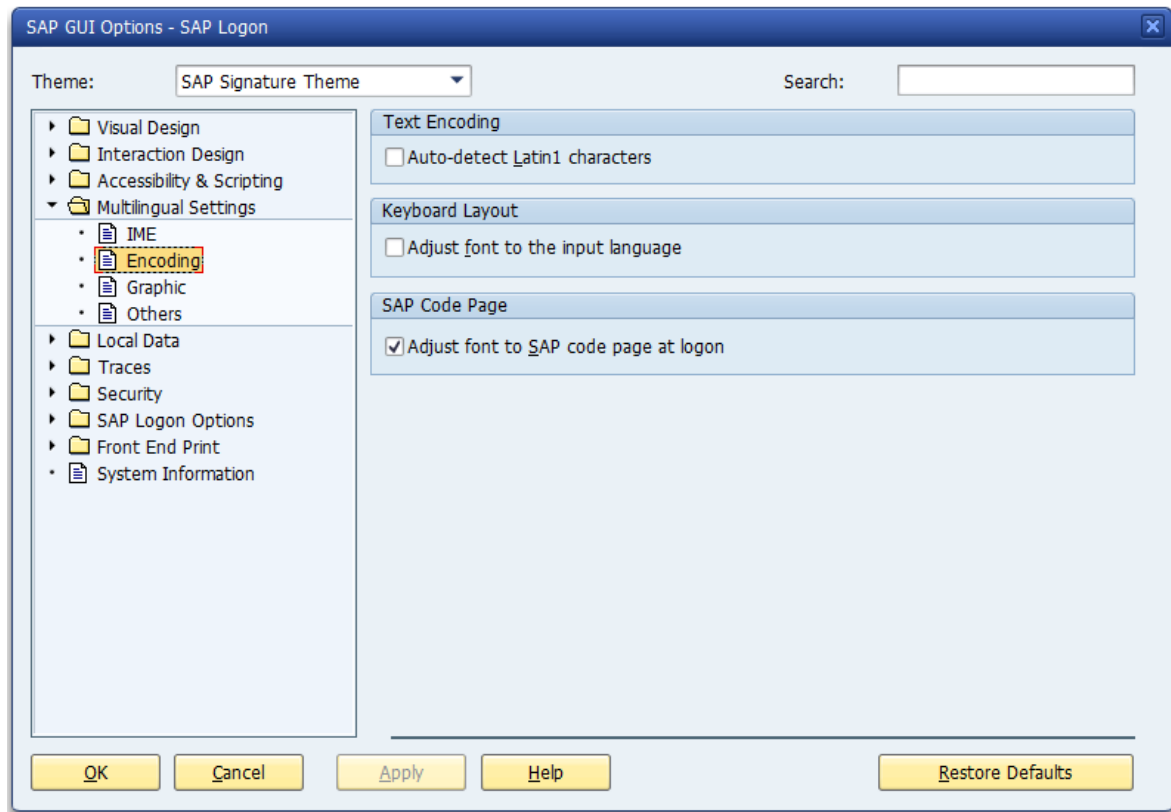
"ImeCloseOneByte" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active }

Alternative IME on/off key

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]

"KanjiKey" (REG_DWORD) [Default: "0"] {0 = Shift + Space; 1 = Ctrl + Space; 2 = None }

7.2.23 Encoding Page



Registry Values

Auto-detect Latin1 characters

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]

"Latin1AutoDetect" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active }

Adjust font to the input language

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]

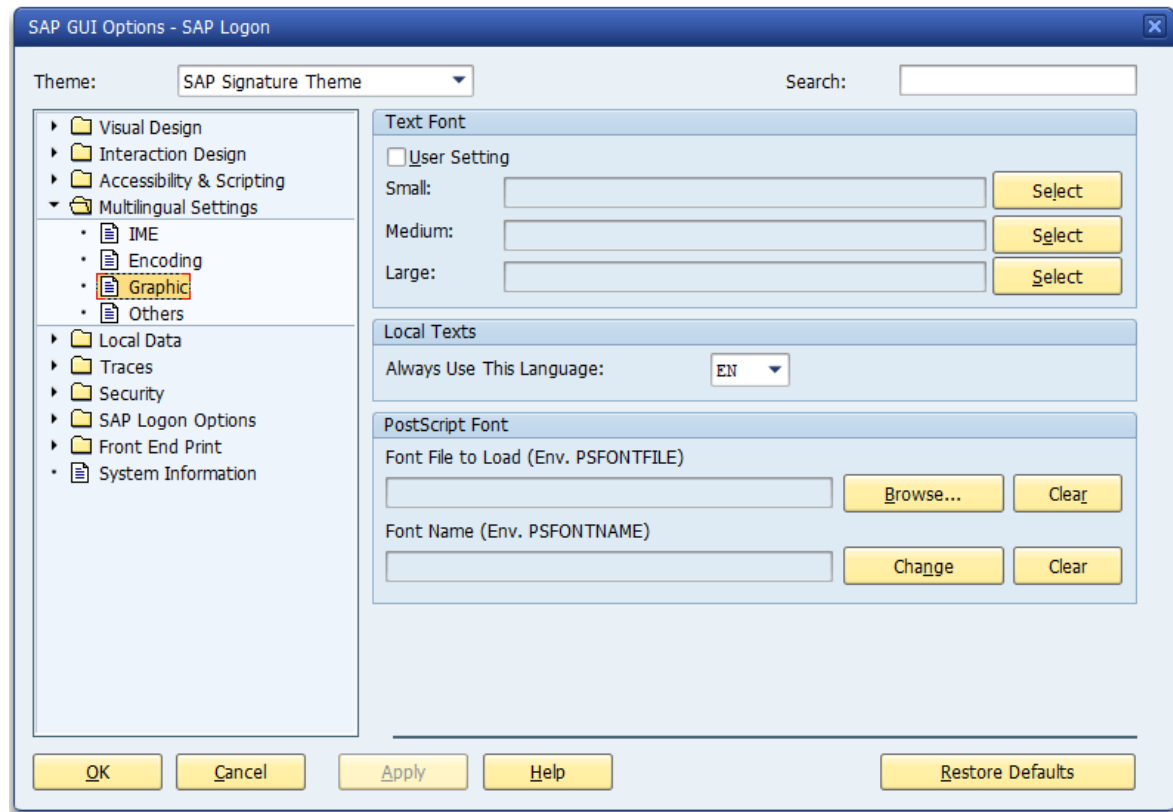
"AdjustFontToKL" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active }

Adjust font to SAP code page at logon

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]

"AdjustFontToSapCP" (REG_DWORD) [Default: "1"] {0 = inactive; 1 = active }

7.2.24 Graphic Page



For this page, no values are stored in the registry, but in the SAP Graphics configuration file and environment variables.



Special handling for read-only feature:

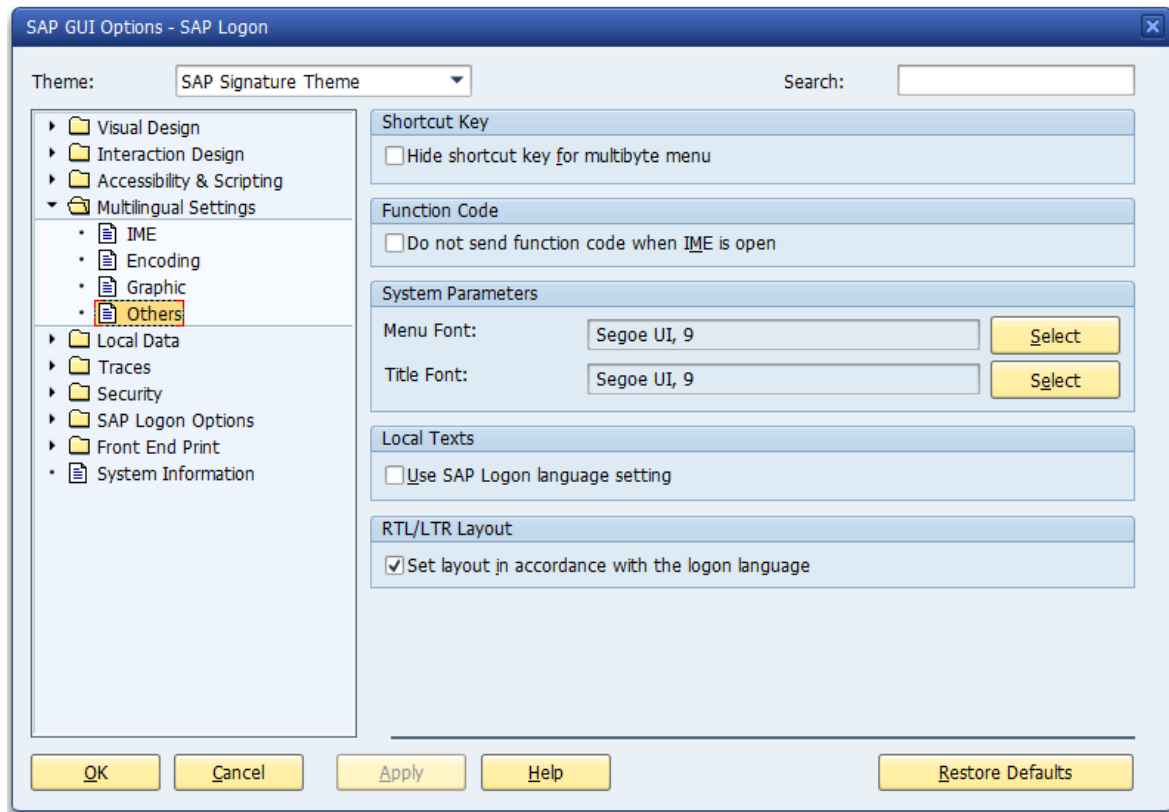
To set the whole page read-only/changeable, create the following registry value:

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP\SAPGUI Front\SAP Frontend Server\Customize]

[HKEY_LOCAL_MACHINE\SOFTWARE\SAP\SAPGUI Front\SAP Frontend Server\Customize] (on 32-Bit OS)

"GraphicsSettings_ReadOnly"

7.2.25 Others Page



Registry Values

Hide shortcut key for multibyte menu

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "KanjiHideShortcut" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active }

Do not send function code when IME is open

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "KanjiSuppressPFKey" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active }

System parameters

= Windows system parameters

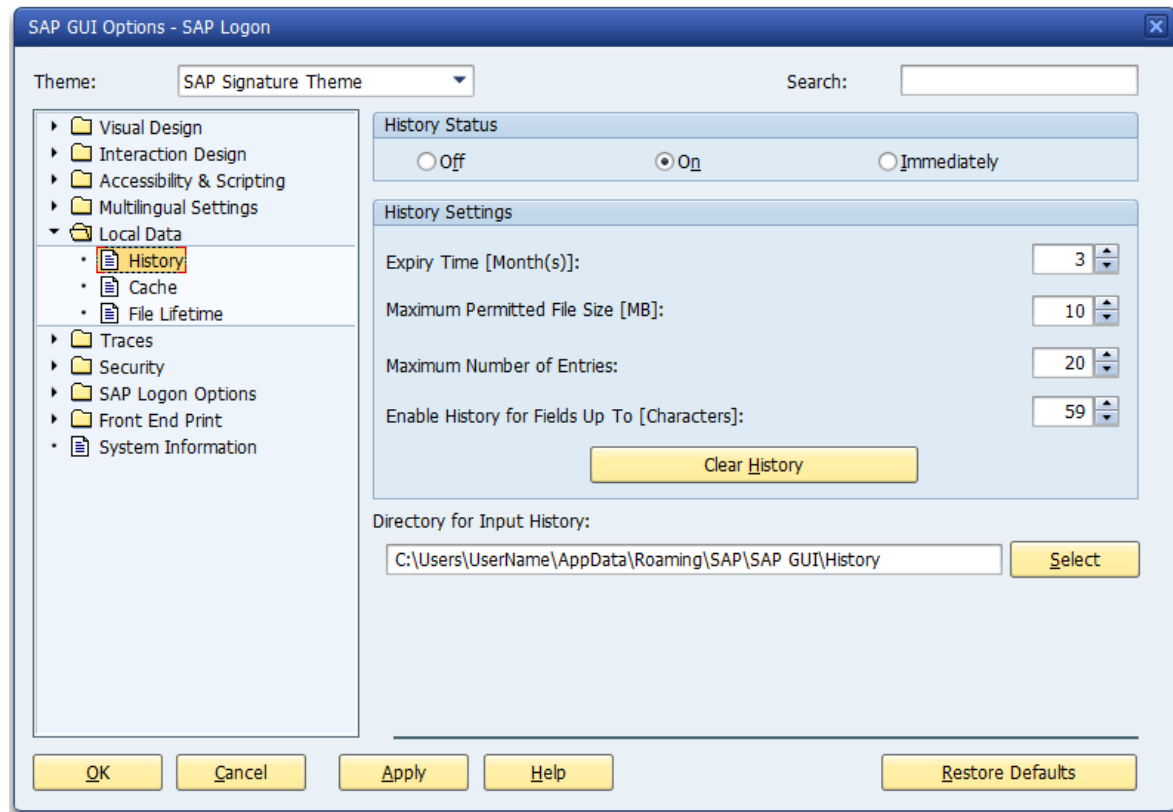
Use SAP Logon language setting

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "UseSaplogonLang" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active }

RTL/LTR Layout - Set layout in accordance with the logon language

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "BidirectOnLang" (REG_DWORD) [Default: "1"] {0 = inactive; 1 = active }

7.2.26 History Page



Registry Values

History Status

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\LocalData]
 "ShowMode" (REG_DWORD) [Default: "1"] {0 = Off; 1 = on; 2 = Immediately }

Expiry Time

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\LocalData]
 "Expiration" (REG_DWORD) [Default: "3"] {0 - 1000}

Maximum Permitted File Size

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\LocalData]
 "FileSize" (REG_DWORD) [Default: "10"] {0 - 200}

Maximum Number of Entries

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\LocalData]
 "NoEntries" (REG_DWORD) [Default: "20"] {1 - 99}

Enable History for Fields up to [character]

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\LocalData]
 "FieldLenHistoryOn" (REG_DWORD) [Default: "59"] {1 - 255}

Directory for Input History

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\LocalData]
 "DataPath" (REG_SZ) [Default: "%APPDATA%\SAP\SAP GUI\History"] {valid path with write permission}



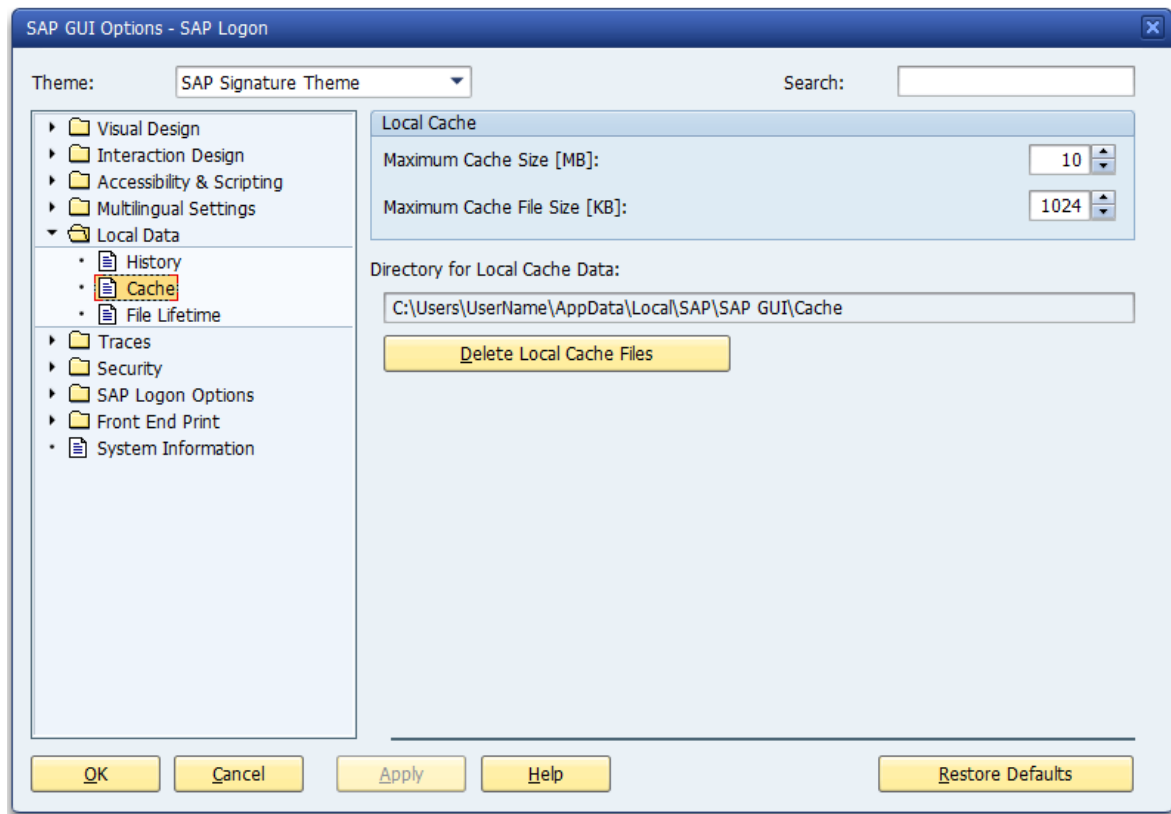
Different registry key/value under HKLM, which can be set via installation (for further information see Installation Guide):

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP\SAP Shared]

[HKEY_LOCAL_MACHINE\SOFTWARE\SAP\SAP Shared] (32 Bit OS)

“SAPhistorydir” (REG_EXPAND_SZ)

7.2.27 Cache Page



Registry Values

Maximum Cache Size

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\LocalData]

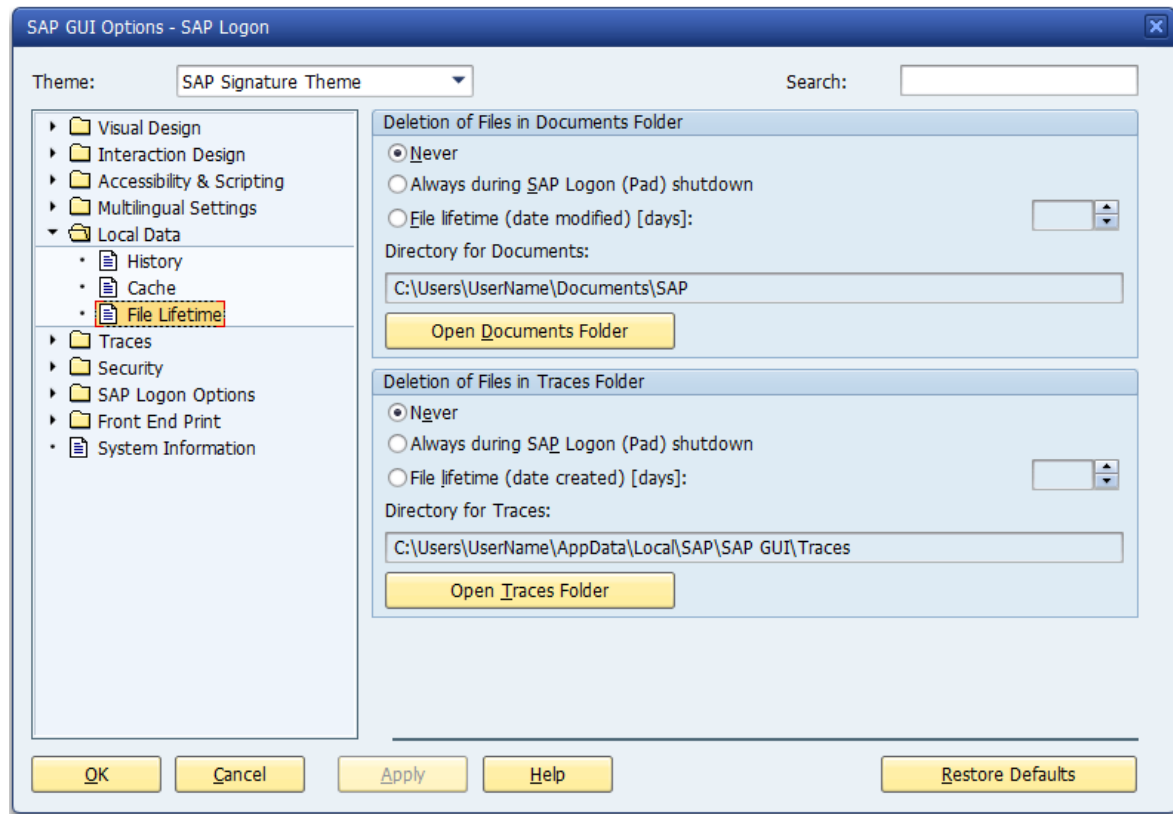
“MaxCacheSize” (REG_DWORD) [Default: “10”] {0 – 10000 MB} Note : saved in Bytes not MB! → Default in Bytes: 10485760

Maximum Cache File Size

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\LocalData]

“MaxCacheFileSize” (REG_DWORD) [Default: “1024”] {0 – 10000 KB} Note : saved in Bytes not KB! → Default in Bytes: 1048576

7.2.28 File Lifetime Page



Registry Values

Deletion of Files in Documents Folder

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\LocalData]

"DeleteDocuments" (REG_DWORD) [Default: "0"]

"DocumentLifetime" (REG_DWORD) [Default: "0"]

- Never ("DeleteDocuments" = 0 and "DocumentLifetime" = 0)
- Always during SAP Logon (Pad) shutdown ("DeleteDocuments" = 1 and "DocumentLifetime" = 0)
- File lifetime ("DeleteDocuments" = 1 and "DocumentLifetime" = {1 - 30})



- Special handling for read-only feature:

"Setting most options changeable and only some exceptions read-only":

It is enough to set one of the two registry values read-only, so that the radio buttons will be disabled.

"Setting most options read-only and exceptions changeable":

For both registry values a corresponding "*_ReadOnly" REG_DWORD registry value must be created and set to "0", so that the radio buttons will be enabled.

Deletion of Files in Traces Folder

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\LocalData]

"DeleteTraces" (REG_DWORD) [Default: "0"]

"TraceLifetime" (REG_DWORD) [Default: "0"]

- Never (“DeleteTraces” = 0 and “TraceLifetime” = 0)
- Always during SAP Logon (Pad) shutdown (“DeleteTraces” = 1 and “TraceLifetime” = 0)
- File lifetime (“DeleteTraces” = 1 and “TraceLifetime” = {1 - 30})



- **Special handling for read-only feature:**

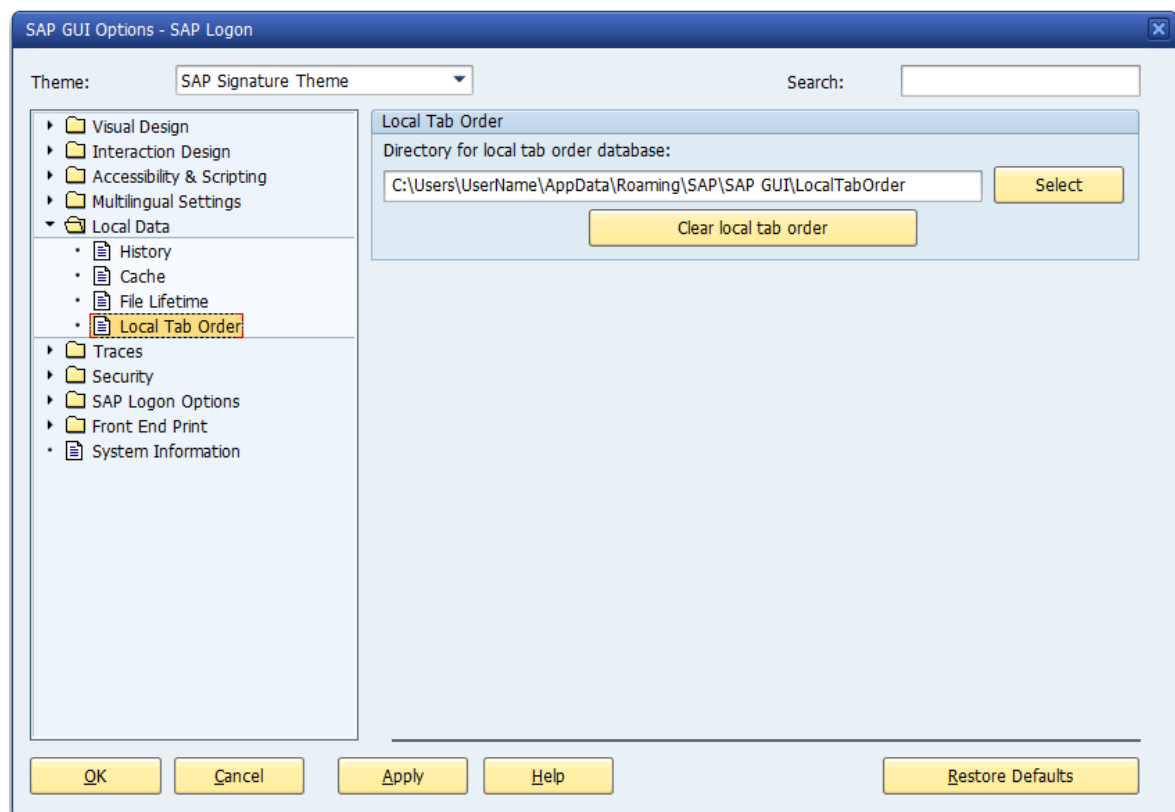
“Setting most options changeable and only some exceptions read-only”:

It is enough to set one of the two registry values read-only, so that the radio buttons will be disabled.

“Setting most options read-only and exceptions changeable”:

For both registry values a corresponding “*_ReadOnly” REG_DWORD registry value must be created and set to “0”, so that the radio buttons will be enabled.

7.2.29 Local Tab Order Page



Registry Values

Directory for local tab order database

[HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\LocalData]

“LocalTabOrderPath” (REG_EXPAND_SZ) [Default: “%APPDATA%\SAP\SAP GUI\LocalTabOrder”] {valid path with write permission}



Registry Values Used in the SAP GUI Options Dialog

Special handling for read-only feature:

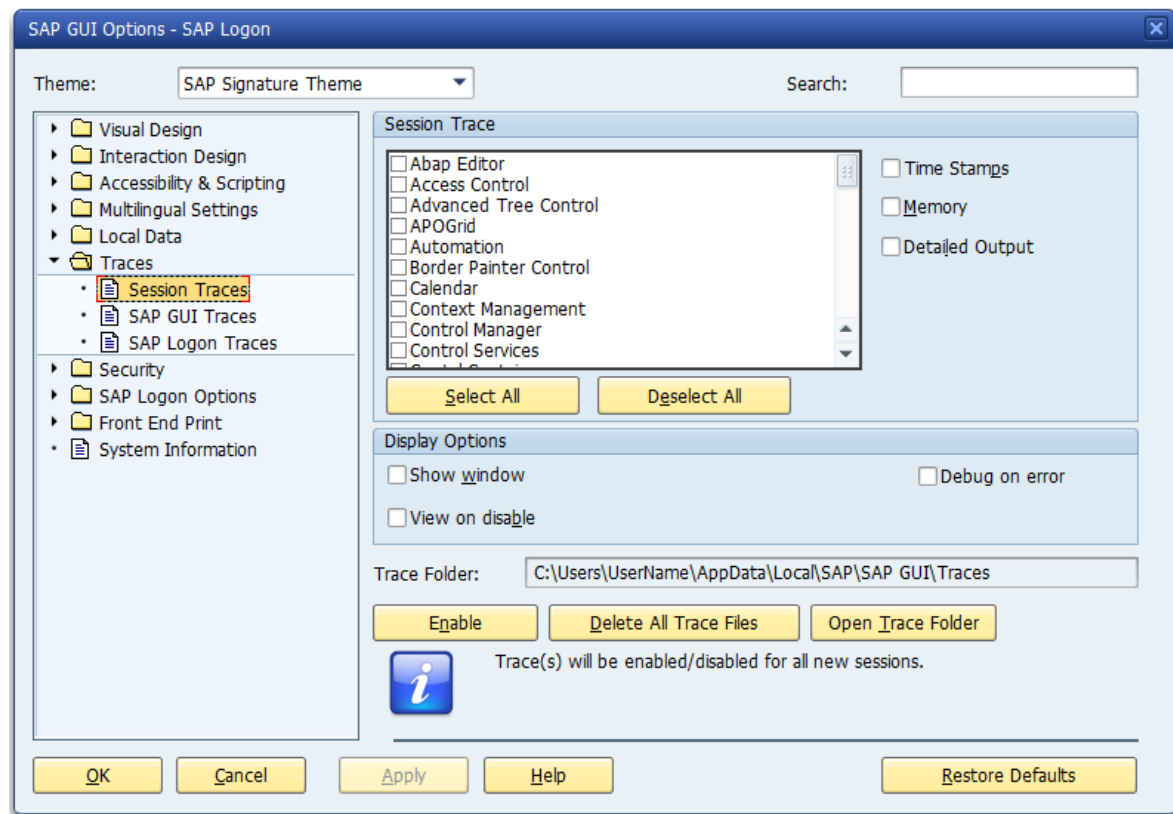
To enable/disable the button *Clear local tab order*, create the following registry value:

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP\SAPGUI Front\SAP Frontend Server\LocalData]

[HKEY_LOCAL_MACHINE\SOFTWARE\SAP\SAPGUI Front\SAP Frontend Server\LocalData] (32 Bit OS)

“ClearLocalTabOrder_ReadOnly”

7.2.30 Session Traces Page



This page is only needed for error analysis and the creation of traces will only be triggered by SAP support employees. The SAP GUI security settings are independent of the read-only feature described below.

**Special handling for read-only feature:**

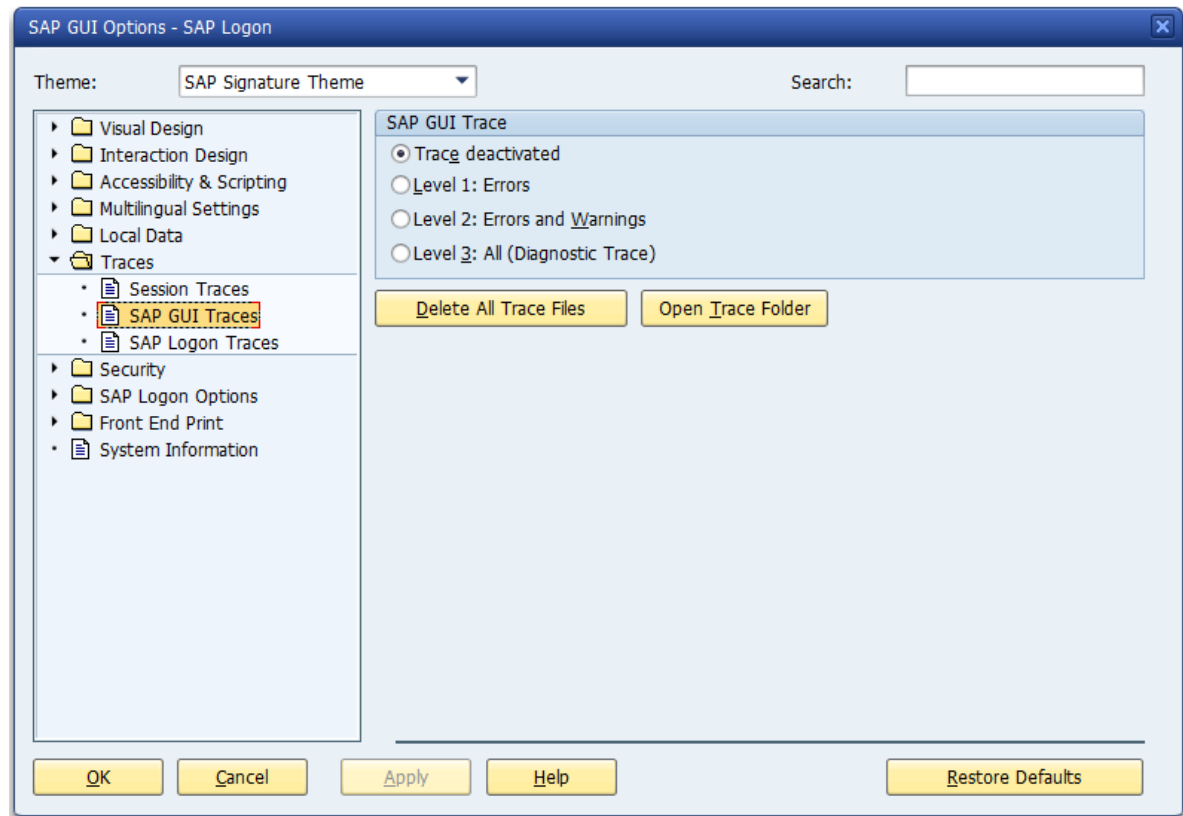
To set the whole page read-only/changeable create the following registry value:

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP\SAPGUI Front\SAP Frontend Server\Trace]

[HKEY_LOCAL_MACHINE\SOFTWARE\SAP\SAPGUI Front\SAP Frontend Server\Trace] (on 32-Bit OS)

“SessionTrace_ReadOnly”

7.2.31 SAP GUI Traces Page



This page is only needed for error analysis and creating traces will be only triggered by SAP support employees.



Special handling for read-only feature:

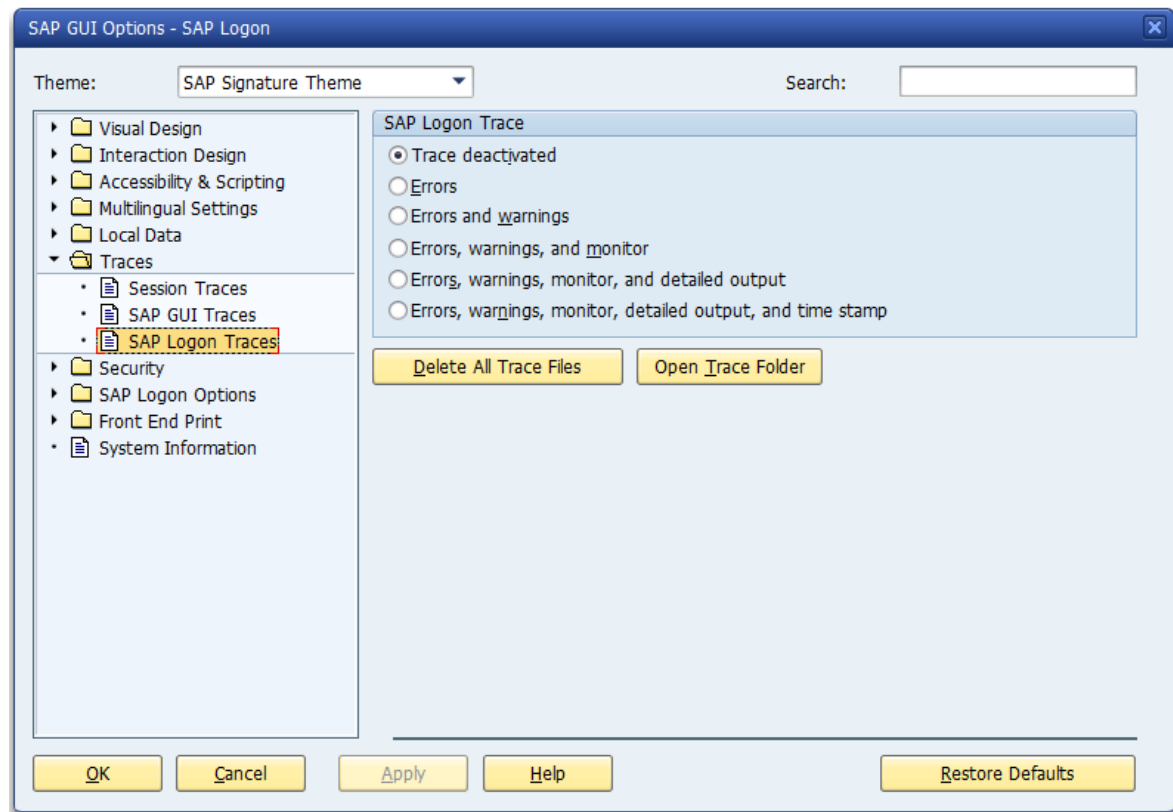
To set the radio buttons read-only/changeable create the following registry value:

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP\SAPGUI\Trace]

[HKEY_LOCAL_MACHINE\SOFTWARE\SAP\SAPGUI\Trace] (on 32-Bit OS)

"Level_ReadOnly"

7.2.32 SAP Logon Traces Page



This page is only needed for error analysis and creating traces will be only triggered by SAP support employees.



Special handling for read-only feature:

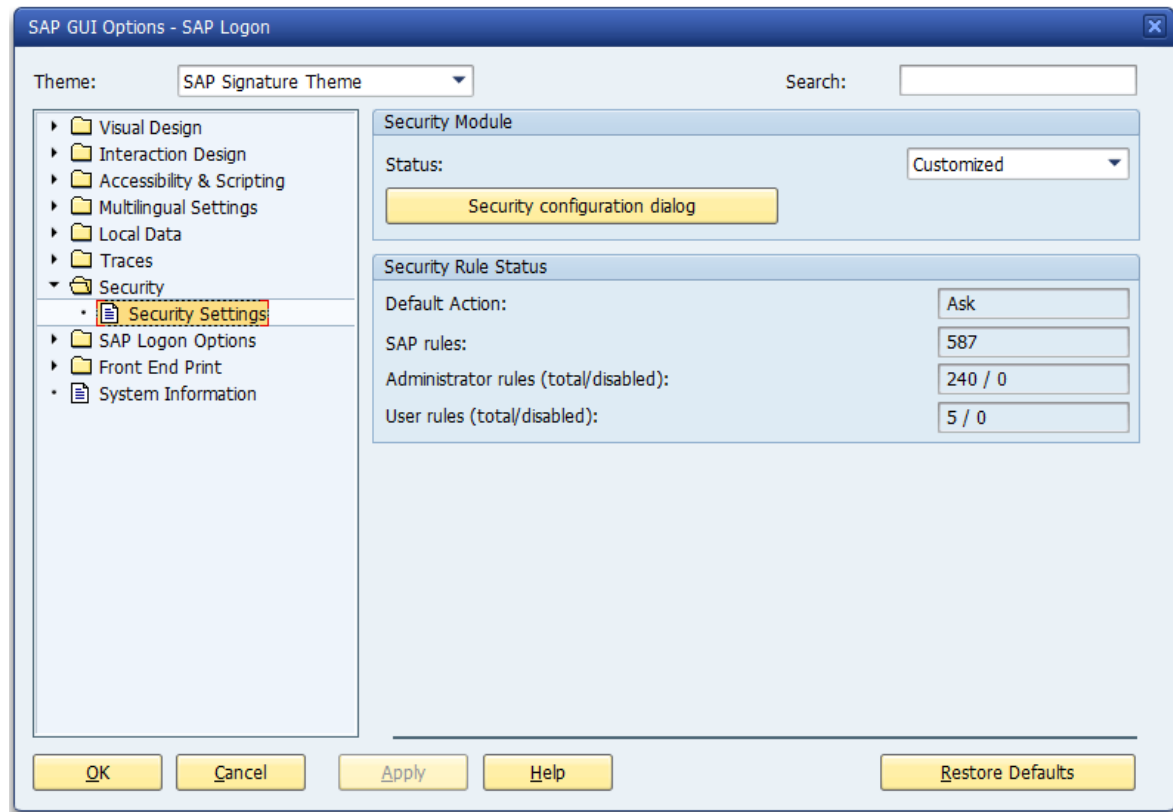
To set the radio buttons read-only/changeable create the following registry value:

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP\SAPLogon\Options]

[HKEY_LOCAL_MACHINE\SOFTWARE\SAP\SAPLogon\Options] (on 32-Bit OS)

"SapLogonTraceLevel_ReadOnly

7.2.33 Security Settings Page



How to disable and set security settings is described in the Security Guide.



Special handling for read-only feature:

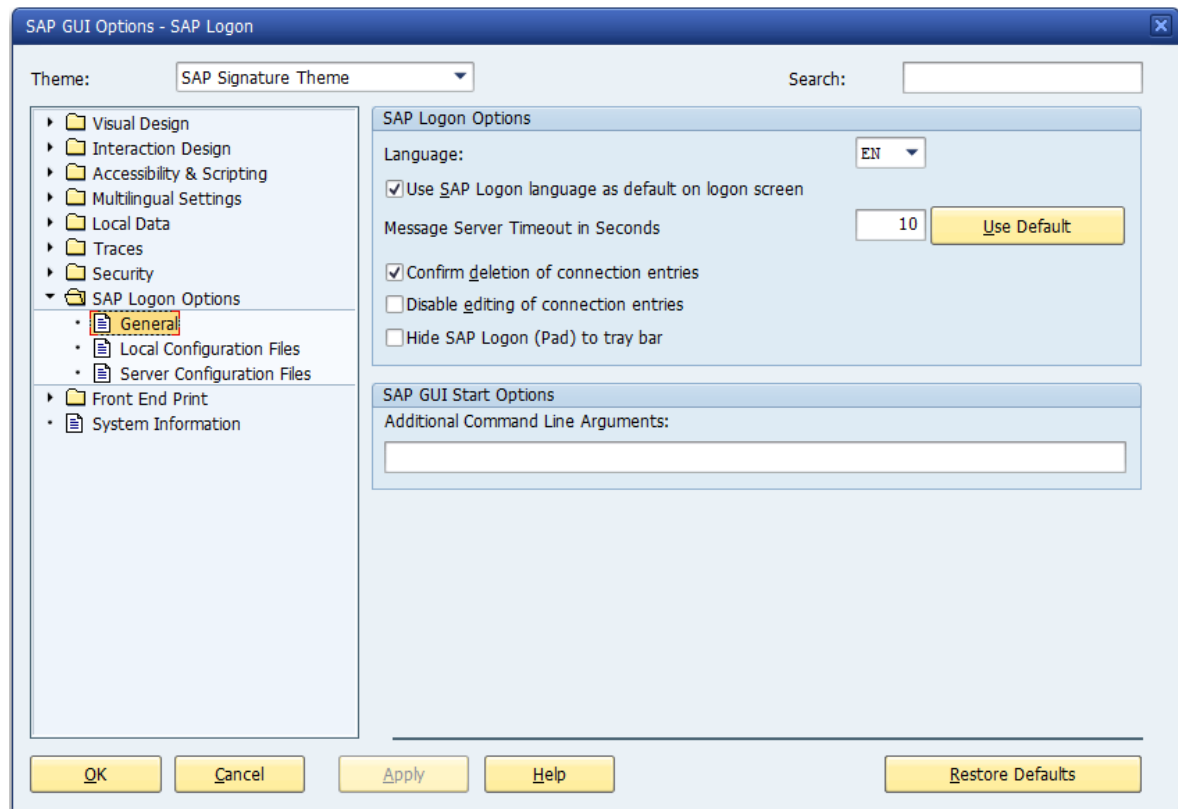
To disable/enable editing, creating, deleting, and changing of the priority of user rules, create the following registry value:

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP\SAPGUI Front\SAP Frontend Server\Security]

[HKEY_LOCAL_MACHINE\SOFTWARE\SAP\SAPGUI Front\SAP Frontend Server\Security] (on 32-Bit OS)

"UserRuleEditing_ReadOnly"

7.2.34 SAP Logon Options - General Page



Registry Values

Language

[HKEY_CURRENT_USER\Software\SAP\General]

"Language" (REG_SZ) [Default: OS default language] {two characters language shortcut: see the dropdown box in SAP GUI Options dialog}

Use SAP Logon language as default language on logon screen

[HKEY_CURRENT_USER\Software\SAP\SAPLogon\Options]

"UseSAPLogonLanguageAsDefault" (REG_DWORD) [Default: 1] { 0 = inactive; 1 = active}

You find more information on this feature under [Setting Logon Language](#).

Message Server Timeout

[HKEY_CURRENT_USER\Software\SAP\SAPLogon\Options]

"MessageServerTimeout" (REG_DWORD) [Default: "10"]

Confirm deletion of connection entries

[HKEY_CURRENT_USER\Software\SAP\SAPLogon\Options]

"ConfirmDelete" (REG_DWORD) [Default: "1"] {0 = inactive; 1 = active}

Disable editing of connection entries

[HKEY_CURRENT_USER\Software\SAP\SAPLogon\Options]

"NoEditFunctionality" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active}

Hide SAP Logon (Pad) to tray bar

[HKEY_CURRENT_USER\Software\SAP\SAPLogon\Options]

"HideToTrayBar" (REG_DWORD) [Default: "0"] {0 = inactive; 1 = active}

SAP GUI Start Options – Additional Command Line Arguments

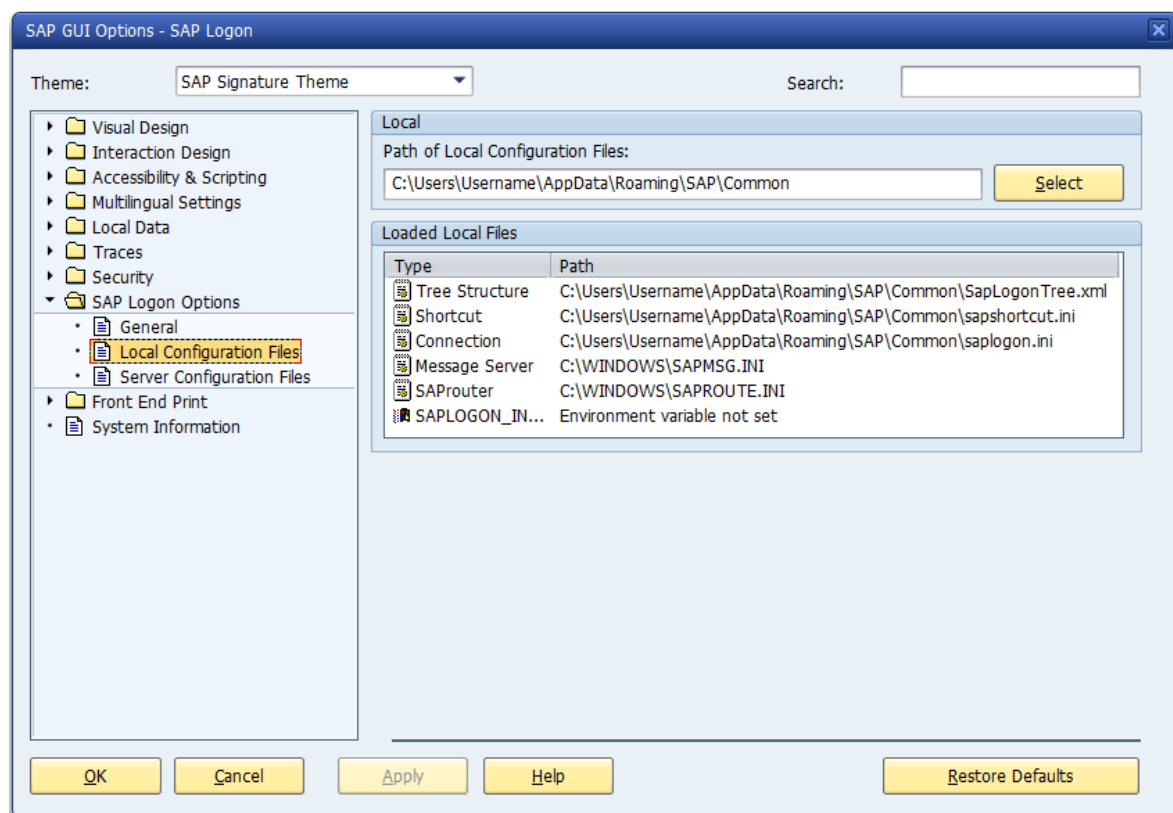
[HKEY_CURRENT_USER\Software\SAP\SAPLogon\Options]

“SapguiNTCmdOpts” (REG_SZ) [Default: ””] {valid SAP GUI command line argument(s)}



Note the reading priority for these registry values (except for *Language*):

- SAP Logon: HKCU → HKLM
- SAP Logon Pad: HKLM → HKCU

7.2.35 Local Configuration Files Page**Registry Values****Path of Local Configuration Files**

[HKEY_CURRENT_USER\Software\SAP\SAPLogon\Options]

“PathConfigFilesLocal” (REG_EXPAND_SZ) [Default: “%APPDATA%\SAP\Common”] {valid path with write access}

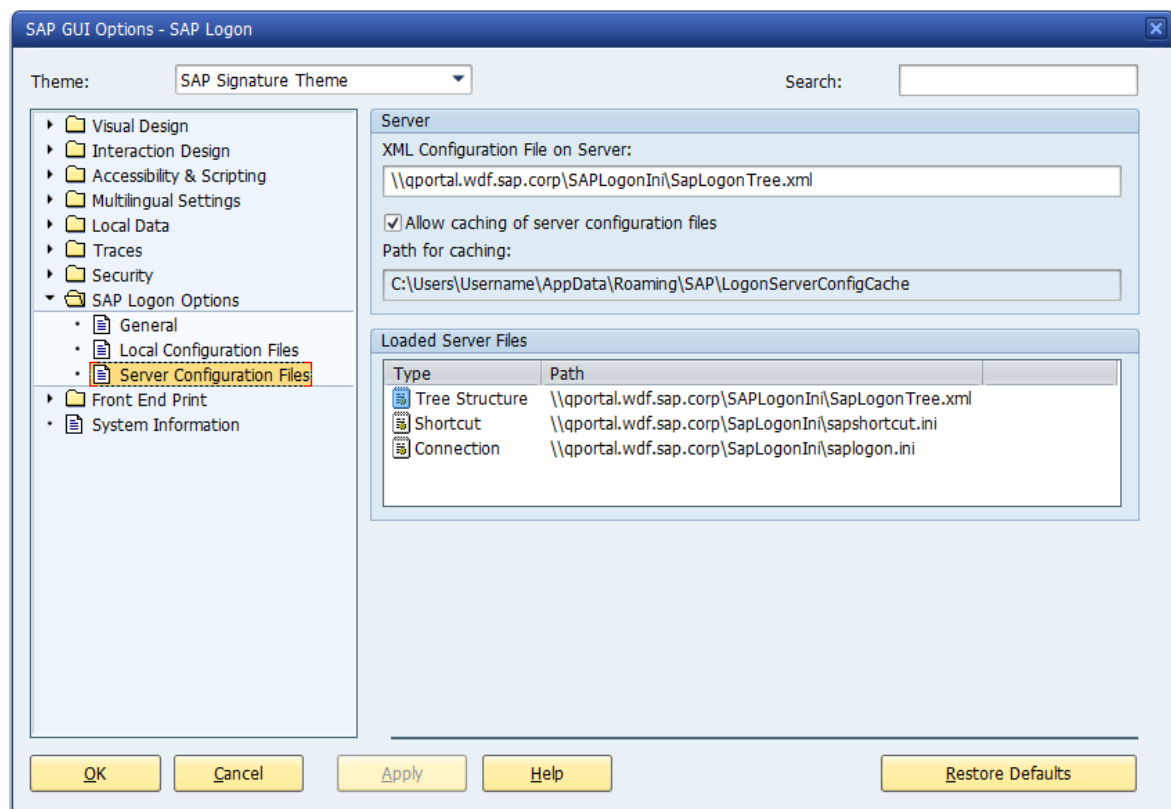
Registry Values Used in the SAP GUI Options Dialog



Note the reading priority for these registry values:

- SAP Logon: HKCU → HKLM
- SAP Logon Pad: HKLM → HKCU

7.2.36 Server Configuration Files Page



Registry Values

XML Configuration File on Server

[HKEY_CURRENT_USER\Software\SAP\SAPLogon\Options]

"ConfigFileOnServer" (REG_EXPAND_SZ) [Default: ""] {valid path to the correct configured XML-File}

Allow caching of server configuration files

[HKEY_CURRENT_USER\Software\SAP\SAPLogon\Options]

"AllowCachingServerConfigFiles" (REG_DWORD) [Default: "1"] {0 = inactive; 1 = active}

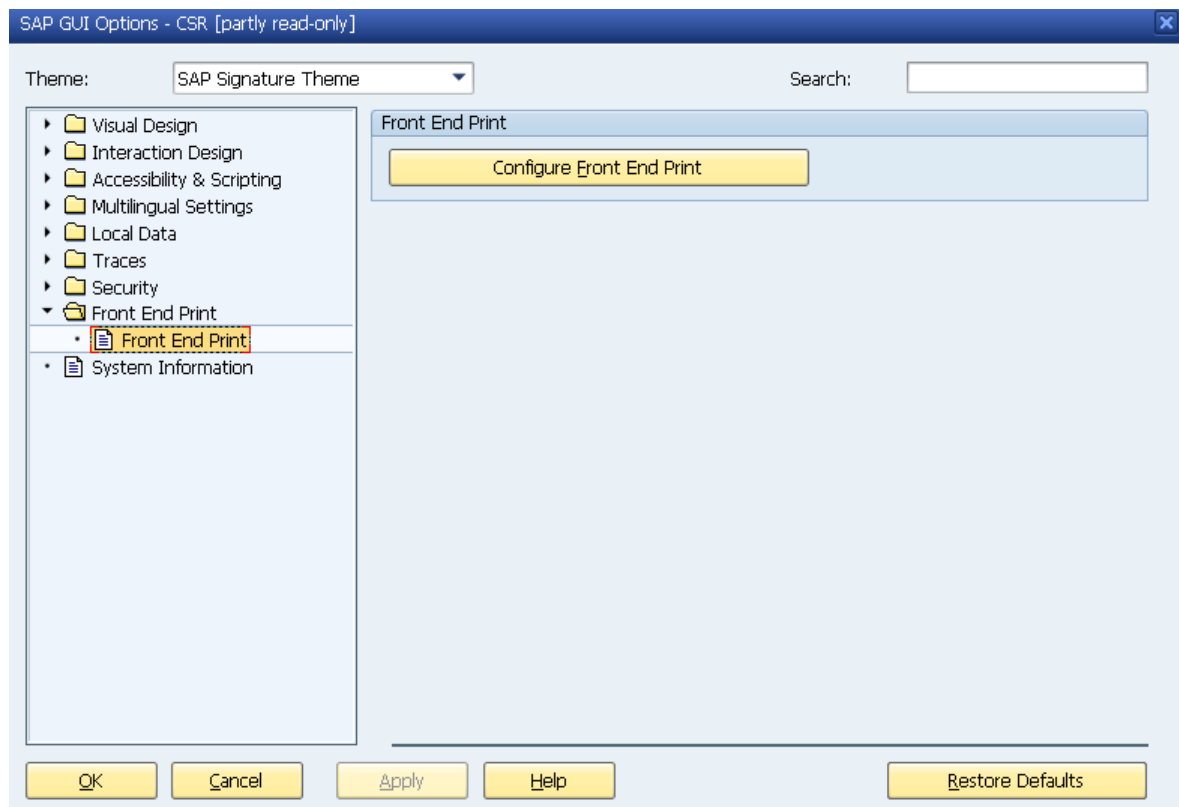
You find more information on this feature under [Caching Server Configuration Files](#).



Note the reading priority for these registry values:

- SAP Logon: HKCU → HKLM
- SAP Logon Pad: HKLM → HKCU

7.2.37 Frontend Print Settings Page



To configure front end printing, choose *Configure Front End Print*. This leads you to the print options editor. You find more information in the print options help or in [note 1149136](#).



Special handling for read-only feature:

The *Configure Front End Print* button is read-only by default. To view the frontend print options, you have to activate this button fvia the keys listed below. Note that to do this, you have to switch to another mode of the read-only feature (see section 2 of chapter [Read-Only Feature of the SAP GUI Options Dialog](#)):

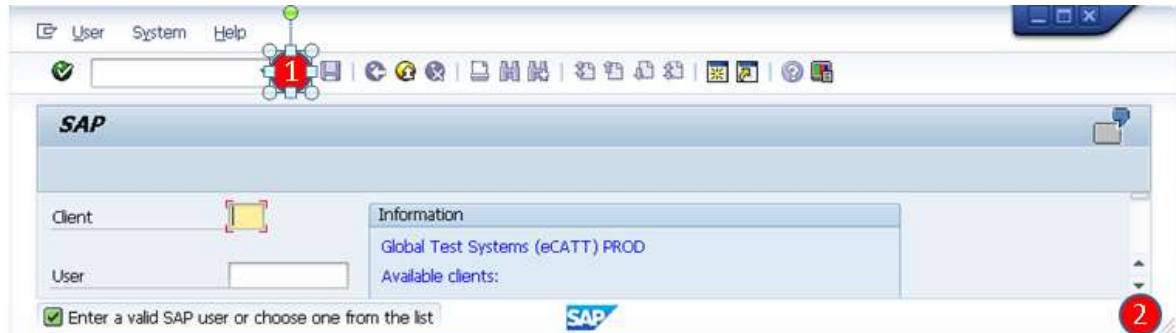
[HKEY_LOCAL_MACHINE\Wow6432Node\Software\SAP\General\Appearance]

[HKEY_LOCAL_MACHINE\Software\SAP\General\Appearance] (on 32 Bit OS)

“FrontEndPrint_ReadOnly” (REG_DWORD)

8 Registry Values of SAP GUI in General

8.1 Displaying OK Code Field and Status Bar Info



Registry Values

- 1** *OK field opened*
 [HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "HideCmdLinePermanently" (REG_DWORD) [Default: "0"]
 {0 = OKCode field opened; 1 = OKCode field closed}
- 2** *Display Status Bar Info*
 [HKEY_CURRENT_USER\Software\SAP\SAPGUI Front\SAP Frontend Server\Customize]
 "Statusbar.Layout" (REG_DWORD) [Default: "1"]
 {0 = inactive; 1 = active}

8.2 Disabling Input History via Registry

You have the possibility to completely disable the input history via registry. The history database will not be created in this case.

Registry Values

To disable history, set the DWORD registry value "**DisableHistory**" to 1 either under HKEY_LOCAL_MACHINE or under HKEY_CURRENT_USER in the LocalData location:
\software\sap\SAPGUI Front\SAP Frontend Server\LocalData.



On 64bit operating systems, the value under HKEY_LOCAL_MACHINE needs to be placed under:

HKEY_LOCAL_MACHINE\softwareWow6432Node\sap\SAPGUI Front\SAP Frontend Server\LocalData.

The reading order is as follows:

First, the registry value will be checked under HKEY_LOCAL_MACHINE. If not defined there, the registry value will be checked under HKEY_CURRENT_USER.

8.3 Disabling/Setting Read-Only the Local Tab Order via Registry

You have the possibility to completely disable the local tab order functionality via registry or to set it read-only.

Registry Values

[HKEY_LOCAL_MACHINE\SOFTWARE\SAP\SAPGUI Front\SAP Frontend Server\LocalData]

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\SAP\SAPGUI Front\SAP Frontend Server\LocalData] on 64bit operating systems

"DisableLocalTabChain" (=1 means local tab order disabled)

"LocalTabOrderReadOnly" (=1 means local tab order read-only)

9 Appendix

9.1 Related Information

| Source | Location |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCN | http://scn.sap.com/community/gui http://scn.sap.com/docs/DOC-25456 |

9.2 Registry Keys Overview

The following registry key overview contains the registry keys as titles and the registry key data in the table following the title.

9.2.1 Software\SAP\General

| Value | Type | Default | Reading Priority | Chapter/ Reference |
|-------------------------|-----------|----------|------------------|-----------------------------------------------------------------|
| AccMode | REG_SZ | Off | HKCU -> HKLM | Accessibility page |
| AllOptionsReadOnly | REG_DWORD | See ref. | See ref. | Read-Only Feature of the SAP GUI Options Dialog |
| CurRegValReadOnlyActive | REG_DWORD | See ref. | See ref. | Read-Only Feature of the SAP GUI Options |

| | | | | |
|----------------------|-----------|---------------------|--------------|--------------------------------------------------|
| | | | | Dialog |
| Language | REG_SZ | OS default language | HKCU -> HKLM | SAP Logon Options - General Page |
| SAPDockAllowMoveSave | REG_DWORD | 0 | HKCU -> HKLM | Control Settings page |
| SAPGUIControlPlugin | REG_DWORD | 0 | HKCU -> HKLM | Control Settings Page |

9.2.2 Software\SAP\General\Appearance

| Value | Type | Default | Reading Priority | Chapter/ Reference |
|--------------------------------------|-----------|---------|------------------|----------------------------------------------|
| AccClassicMenubarBehaviorActive | REG_DWORD | 1 | HKCU -> HKLM | SAP Note 1515235 |
| AnimatedFocus | REG_DWORD | 1 | HKCU -> HKLM | Theme Preview/Settings page |
| BrandingImage | REG_SZ | none | HKCU -> HKLM | Branding Page |
| BrandingImage_ReadOnly | REG_DWORD | 0 | only HKLM | Branding Page |
| Corbulcon | REG_DWORD | 0 | HKCU -> HKLM | Theme Preview/Settings page |
| EllipsisForl18n | REG_DWORD | 0 | HKCU -> HKLM | Visualization 2 page |
| FrontEndPrint_ReadOnly | REG_DWORD | 0 | Only HKLM | Frontend Print Settings Page |
| High Contrast Theme | REG_DWORD | 0 | HKCU -> HKLM | Theme Preview/Settings page |
| LunarFollowFocusMenuActive | REG_DWORD | 0 | HKCU -> HKLM | SAP Note 1552357 |
| RestoreDefaults_ReadOnly | REG_DWORD | 0 | HKLM | Restore Defaults Button |
| SelectedTheme | REG_DWORD | 1 | HKCU -> HKLM | Theme Preview/Settings Page |
| ShowShadowBorder | REG_DWORD | 1 | HKCU -> HKLM | Theme Preview/Settings page |
| SignatureDefaultColor | REG_SZ | "" | HKCU -> HKLM | Color Settings page |
| SignatureSystemDependentColorsActive | REG_DWORD | 1 | HKCU -> HKLM | Color Settings page |
| Sound | REG_SZ | On | HKCU -> HKLM | Sound Settings page |
| UseBrandingImage | REG_DWORD | 0 | HKCU -> | Branding Page |

9.2 Registry Keys Overview

| | | | | |
|---------------------------|-----------|-----|-----------------|---------------------------------|
| | | | HKLM | |
| UseBrandingImage_ReadOnly | REG_DWORD | 1 | HKCU -> HKLM | Branding Page |
| UseGuiHelpOnly | REG_SZ | Off | Only HKLM | SAP Note 694583 |

9.2.3 Software\SAP\General\Appearance\System

| Value | Type | Default | Reading Priority | Chapter/ Reference |
|-------------------------------|-----------|---------|---------------------|-------------------------------------------|
| ColorsSystemSpecific_Readonly | REG_DWORD | 0 | HKLM | Colors in System Page |

9.2.4 Software\SAP\General\Appearance\System\SID

| Value | Type | Default | Reading Priority | Chapter/ Reference |
|--------------------|--------|-------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------|
| ActiveColorSetting | REG_SZ | Registry key and value do not exist | HKCU -> HKLM | Enjoy Design: Color in System page |
| Theme | REG_SZ | Registry key and value do not exist | HKCU -> HKLM | Colors in System Page Enjoy Design Color in System Page |

9.2.5 Software\SAP\General\Appearance\System\SID\Client_NO

| Value | Type | Default | Reading Priority | Chapter/ Reference |
|-----------|--------|-------------------------------------------|---------------------|-------------------------------------------|
| ThemeName | REG_SZ | Registry key and value do not exist | HKCU -> HKLM | Colors in System Page |

9.2.6 SOFTWARE\SAP\General\Appearance\Themes

| Value | Type | Default | Reading Priority | Chapter/ Reference |
|--------------------------|-----------|---------|---------------------|---------------------------------------------------------|
| SelectableThemes | REG_DWORD | 0x7F | only HKLM | Theme Preview/Settings page |
| ThemesCustomize_ReadOnly | REG_DWORD | 0 | only HKLM | Enjoy Design Color Setting Page |

9.2.7 Software\SAP\General\Applications\<application>

| Value | Type | Default | Reading Priority | Chapter/ Reference |
|--------------------------------|-----------|---------|------------------|----------------------------------------|
| AppsSapGuiVisualTheme_ReadOnly | REG_DWORD | 0 | only HKLM | Applications Page |
| Enjoy | REG_SZ | On | HKCU -> HKLM? | Applications Page |
| MouseFollowFocus | REG_DWORD | 0 | HKCU -> HKLM | Keyboard Settings page |

9.2.8 Software\SAP\General\ControlServices\WebSearchEngine

| Value | Type | Default | Reading Priority | Chapter/ Reference |
|-----------------|--------|---------|------------------|---------------------------------------|
| WebSearchEngine | REG_SZ | Google | HKCU -> HKLM | Control Settings page |

9.2.9 Software\SAP\General\Customer Colors

| Value | Type | Default | Reading Priority | Chapter/ Reference |
|-----------------------|-----------|---------|------------------|--------------------------------------|
| CustomColors_ReadOnly | REG_DWORD | 0 | only HKLM | Define Custom Colors |

9.2.10 Software\SAP\General\Customer Colors\Custom Color 1

| Value | Type | Default | Reading Priority | Chapter/ Reference |
|-------|-----------|--------------------------------|------------------|--------------------------------------|
| Hue | REG_DWORD | No default -> value must exist | HKCU -> HKLM | Define Custom Colors |

9.2.11 Software\SAP\SAP Shared

| Value | Type | Default | Reading Priority | Chapter/ Reference |
|---------------|---------------|----------|------------------|-----------------------------------------------------------------|
| SAPhistoryDir | REG_SZ_EXPAND | See ref. | only HKLM | Roaming User Application Directory History Page |
| SAPWorkDir | REG_SZ_EXPAND | See ref. | only HKLM | Roaming User Application Directory Chapter |

9.2 Registry Keys Overview

9.2.12 Software\SAP\SAPGUI

| Value | Type | Default | Reading Priority | Chapter/ Reference |
|----------------|-----------|---------|------------------|---------------------------------|
| DelegationMode | REG_DWORD | 0 | HKCU -> HKLM | SAP Note 844095 |
| StartSaplogon | REG_DWORD | 1 | HKLM -> HKCU | SAP Note 552646 |
| NoDelegate | REG_DWORD | 0 | Only HKLM | SAP Note 844095 |

9.2.13 Software\SAP\SAPGUI Front\SAP Frontend Server\Accessibility

| Value | Type | Default | Reading Priority | Chapter/ Reference |
|------------------|-----------|---------|------------------|------------------------------------|
| EnhancedTabChain | REG_DWORD | 1 | HKCU -> HKLM | Accessibility page |
| SymbolAsLetters | REG_DWORD | 1 | HKCU -> HKLM | Accessibility page |

9.2.14 Software\SAP\SAPGUI Front\SAP Frontend Server\Administration

| Value | Type | Default | Reading Priority | Chapter/ Reference |
|-------------------------|-----------|---------|------------------|--------------------------------------|
| DisappearItems | REG_SZ | 1 | only HKLM | SAP Note 338750 |
| ShowAdditionalTitleInfo | REG_DWORD | 0 | HKCU -> HKLM | Visualization 2 Page |

9.2.15 Software\SAP\SAPGUI Front\SAP Frontend Server\Customize

| Value | Type | Default | Reading Priority | Chapter/ Reference |
|--------------------------------|-----------|------------|------------------|----------------------------------------|
| AdjustFontToKL | REG_DWORD | 0 | HKCU -> HKLM | Encoding page |
| AdjustFontToSapCP | REG_DWORD | 1 | HKCU -> HKLM | Encoding page |
| Automation.MessagePendingDelay | REG_DWORD | 8 seconds | HKCU -> HKLM | SAP Note 87585 |
| Automation.RetryReply | REG_DWORD | 10 seconds | HKCU -> HKLM | SAP Note 87585 |
| AutoTAB | REG_DWORD | 0 | HKCU -> HKLM | Keyboard Settings page |
| BeepError | REG_DWORD | 0 | HKCU -> | Notifications |

Registry Keys Overview

| | | | | |
|-------------------------------------|-----------|----------------------------------|-----------------|----------------------------------------------|
| | | | HKLM | page |
| BidirectOnLang | REG_DWORD | 1 | HKCU -> HKLM | Others page |
| BubbleDelay | REG_DWORD | 1 | HKCU -> HKLM | Notifications page |
| BubbleOnTab | REG_DWORD | 0 | HKCU -> HKLM | Notifications page |
| Buttonbar | REG_DWORD | 1 | HKCU -> HKLM | Classic Design: Options page |
| CheckDynproSize | REG_DWORD | 0 | HKCU -> HKLM | SAP Note 570861 |
| ColorScheme | REG_DWORD | 0 | HKCU -> HKLM | Classic Design: Options page |
| DblClkForF2 | REG_DWORD | 1 | HKCU -> HKLM | SAP Note 1672400 |
| Dropdown.KeyboardDelay_ms | REG_DWORD | 1000 milliseconds | HKCU -> HKLM | SAP Note 352130 |
| Dropdown.ShowKey | REG_DWORD | 0 | HKCU -> HKLM | Visualization 1 page |
| Dropdown.SortKey | REG_DWORD | 0 | HKCU -> HKLM | Visualization 1 page |
| Edit.BlockCursor | REG_DWORD | 0 | HKCU -> HKLM | Visualization 1 page |
| Edit.CaretWidth | REG_DWORD | 2 | HKCU -> HKLM | Visualization 1 page |
| Edit.EnterFieldSelectAll | REG_DWORD | 1 | HKCU -> HKLM | Keyboard Settings page |
| EnhancedSearchMode | REG_DWORD | 1 | HKCU -> HKLM | Visualization 2 Page |
| Font.CharSet | REG_DWORD | Set system charset or 0 | HKCU -> HKLM | Font Settings page |
| Font.Facename | REG_SZ | Depends on the set charset | HKCU -> HKLM | Font Settings page |
| Font.Height | REG_DWORD | 15 | HKCU -> HKLM | Font Settings page |
| Font.Width | REG_DWORD | 0 | HKCU -> HKLM | Font Settings page |
| GraphicSettings_ReadOnly | REG_DWORD | 0 | only HKLM | Graphic Page |
| HideCmdLineInplace | REG_DWORD | 0 | HKCU -> HKLM | SAP Note 648452 |
| HideCmdLineInplaceAllSession | REG_DWORD | 0 | HKCU -> HKLM | SAP Note 648452 |

9.2 Registry Keys Overview

| | | | | |
|------------------------|-----------|-------------------------|--------------|--------------------------------------------------------------|
| HideCmdLinePermanently | REG_DWORD | 0 | HKCU -> HKLM | Displaying OK Code Field and Status Bar Info |
| ImeCloseOneByte | REG_DWORD | 0 | HKCU -> HKLM | IME page |
| ImeCloseRJustify | REG_DWORD | 0 | HKCU -> HKLM | IME page |
| KanjiContInput | REG_DWORD | 0 | HKCU -> HKLM | IME page |
| KanjiFontDialogProp | REG_DWORD | 0 | HKCU -> HKLM | Font Settings page |
| KanjiFontDialogScript | REG_DWORD | 0 | HKCU -> HKLM | Font Settings page |
| KanjiHideShortcut | REG_DWORD | 0 | HKCU -> HKLM | Others page |
| KanjiKey | REG_DWORD | 0 | HKCU -> HKLM | IME page |
| KanjiSuppressPFKey | REG_DWORD | 0 | HKCU -> HKLM | Others page |
| Latin1AutoDetect | REG_DWORD | 0 | HKCU -> HKLM | Encoding page |
| ListAllowClearType | REG_DWORD | 1 | HKCU -> HKLM | Visualization 1 page |
| ListCursor | REG_DWORD | 1 | HKCU -> HKLM | Visualization 1 page |
| ListEffect | REG_DWORD | 1 | HKCU -> HKLM | Classic Design: Color in Forms page |
| ListLines | REG_DWORD | 1 | HKCU -> HKLM | Visualization 1 page |
| PopupBatchIn | REG_DWORD | 1 | HKCU -> HKLM | Visualization 1 page |
| PopupError | REG_DWORD | 0 | HKCU -> HKLM | Notifications page |
| PopupSuccess | REG_DWORD | 0 | HKCU -> HKLM | Notifications page |
| PopupWarning | REG_DWORD | 0 | HKCU -> HKLM | Notifications page |
| PositionMouse | REG_DWORD | 1 | HKCU -> HKLM | Keyboard Settings page |
| PositionTAB | REG_DWORD | 1 | HKCU -> HKLM | Keyboard Settings page |
| Prop.CharSet | REG_DWORD | Set system charset or 0 | HKCU -> HKLM | Font Settings page |
| Prop.FaceName | REG_DWORD | Depends on | HKCU -> | Font Settings |

| | | | | |
|--------------------------------|-----------|----------------------------------|--------------|--------------------------------------------------------------|
| | | the set charset | HKLM | page |
| Prop.Height | REG_DWORD | 15 | HKCU -> HKLM | Font Settings page |
| Prop.Width | REG_DWORD | 0 | HKCU -> HKLM | Font Settings page |
| ScrollDelay | REG_DWORD | 0 | HKCU -> HKLM | SAP Note 740052 |
| Shadow | REG_DWORD | 1 | HKCU -> HKLM | Classic Design: Color in Forms page |
| ShowAdditionalTitleInfo | REG_DWORD | 0 | HKCU -> HKLM | Visualization 2 page |
| Simulate Workplace | REG_DWORD | 1000 | HKCU -> HKLM | SAP Note 352130 |
| Statusbar | REG_DWORD | 1 | HKCU -> HKLM | Classic Design: Options page |
| Statusbar.Layout | REG_DWORD | 1 | HKCU -> HKLM | Displaying OK Code Field and Status Bar Info |
| Toolbar | REG_DWORD | 1 | HKCU -> HKLM | Classic Design: Options page |
| Toolbar.RegularButtons | REG_DWORD | 0 | HKCU -> HKLM | Classic Design: Options page |
| UnderlineHotspot | REG_DWORD | 0 | HKCU -> HKLM | Visualization 1 page |
| UseClientAccesskeys | REG_DWORD | AccMode enabled -> 1 otherwise 0 | HKCU -> HKLM | Keyboard Settings page |
| UseSaplogonLang | REG_DWORD | 0 | HKCU -> HKLM | Others page |

9.2.16 Software\SAP\SAPGUI Front\SAP Frontend Server\LocalData

| Value | Type | Default | Reading Priority | Chapter/Reference |
|------------------------------------|-----------|------------------------------|------------------|--------------------------------------|
| ClearLocalTabOrder_ReadOnly | REG_DWORD | 0 | only HKLM | Local Tab Order Page |
| DataPath | REG_SZ | %APPDATA%\SAP\SAPGUI\History | HKCU --> HKLM | History Page |
| DeleteDocuments | REG_DWORD | 0 | HKCU --> HKLM | File Lifetime |

9.2 Registry Keys Overview

| | | | | Page |
|-----------------------|---------------|------------------------------------|------------------|--------------------------------------------------------------------------------------------|
| DeleteTraces | REG_DWORD | 0 | HKCU --> HKLM | File Lifetime Page |
| DisableHistory | REG_DWORD | 0 | HKLM → HKCU | SAP Note 925639 or Disabling Input History via Registry |
| DisableLocalTabChain | REG_DWORD | 0 | only HKLM | Disabling/Setting Read-Only the Local Tab Order via Registry |
| DocumentLifetime | REG_DWORD | 0 | HKCU --> HKLM | File Lifetime Page |
| Expiration | REG_DWORD | 3 | HKCU --> HKLM | History Page |
| FieldLenHistoryOn | REG_DWORD | 59 | HKCU --> HKLM | History Page |
| FileSize | REG_DWORD | 10 | HKCU --> HKLM | History Page |
| LocalTabOrderPath | REG_EXPAND_SZ | %APPDATA%\SAP\SAPGUI\LocalTabOrder | HKCU --> HKLM | Local Tab Order Page |
| LocalTabOrderReadOnly | REG_DWORD | 0 | only HKLM | Disabling/Setting Read-Only the Local Tab Order via Registry |
| MaxCacheFileSize | REG_DWORD | 1024 | HKCU --> HKLM | Cache Page |
| MaxCacheSize | REG_DWORD | 10 | HKCU --> HKLM | Cache Page |
| NoEntries | REG_DWORD | 20 | HKCU --> HKLM | History Page |
| ShowMode | REG_DWORD | 1 | HKCU --> HKLM | History Page |
| TraceLifetime | REG_DWORD | 0 | HKCU --> HKLM | File Lifetime Page |
| UseDot | REG_DWORD | 0 | HKCU --> HKLM | SAP Note 867131 |

9.2.17 Software\SAP\SAPGUI Front\SAP Frontend Server\Palette

| Value | Type | Default | Reading Priority | Chapter/Reference |
|----------------|--------|---------------|------------------|------------------------------------------------------|
| Edit.BgndBrush | REG_SZ | "255 255 255" | HKCU --> HKLM | Classic Design – Color in Forms Page |

Registry Keys Overview

| | | | | |
|-----------------------------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------------------------------------|
| Edit.FocusBrush | REG_SZ | "255 255 255" | HKCU --> HKLM | Classic Design – Color in Forms Page |
| Edit.TextInt | REG_SZ | "255 0 0" | HKCU --> HKLM | Classic Design – Color in Forms Page |
| Edit.TextNorm | REG_SZ | "0 0 0" | HKCU --> HKLM | Classic Design – Color in Forms Page |
| Frame.BgndBrush | REG_SZ | Same value as "Read.BgndBrush" | HKCU --> HKLM | Classic Design – Color in Forms Page |
| IntensiveColor1 Till IntensiveColor7 | REG_SZ REG_SZ | "125 166 207" "196 150 207" | HKCU --> HKLM | Classic Design – Color in Lists Page |
| IntensiveText1 Till IntensiveText7 | REG_SZ REG_SZ | "0 0 0" "0 0 0" | HKCU --> HKLM | Classic Design – Color in Lists Page |
| InverseColor1 Till InverseColor7 | REG_SZ REG_SZ | "192 192 192" "192 192 192" | HKCU --> HKLM | Classic Design – Color in Lists Page |
| InverseText1 Till InverseText7 | REG_SZ REG_SZ | "0 0 255" "204 0 204" | HKCU --> HKLM | Classic Design – Color in Lists Page |
| NormalColor1 till NormalColor7 | REG_SZ REG_SZ | "255 128 128" "227 199 235" | HKCU --> HKLM | Classic Design – Color in Lists Page |
| NormalText1 Till NormalText7 | REG_SZ REG_SZ | "0 0 0" "0 0 0" | HKCU --> HKLM | Classic Design – Color in Lists Page |
| Palette | REG_DWORD | 0 | HKCU --> HKLM | Classic Design – Color in Forms Page |
| Read.BgndBrush | REG_SZ | System- defined value for "Face color for three- dimensional display elements and for dialog box backgrounds | HKCU --> HKLM | Classic Design – Color in Forms Page |
| Read.FocusBrush | REG_SZ | Same value as "Read.BgndBrush" | HKCU --> HKLM | Classic Design – Color in Forms Page |
| Read.TextInt | REG_SZ | "255 0 0" | HKCU --> HKLM | Classic Design – Color in Forms Page |

9.2 Registry Keys Overview

| | | | | |
|------------------------|--------|-----------------------------------|------------------|------------------------------------------------------|
| Read.TextNorm | REG_SZ | "0 0 0" | HKCU --> HKLM | Classic Design – Color in Forms Page |
| Static.TextInt | REG_SZ | "255 0 0" | HKCU --> HKLM | Classic Design – Color in Forms Page |
| Static.TextNorm | REG_SZ | "0 0 0" | HKCU --> HKLM | Classic Design – Color in Forms Page |
| View.BgndBrush | REG_SZ | Same value as "Read.BgndBrush" | HKCU --> HKLM | Classic Design – Color in Forms Page |

9.2.18 Software\SAP\SAPGUI Front\SAP Frontend Server\ReleaseDebug

| Value | Type | Default | Reading Priority | Chapter/ Reference |
|--------------------------------|-----------|---------|------------------|---------------------------------|
| Debug.Hotkeys | REG_DWORD | 0 | HKCU --> HKLM | SAP Note 422044 |
| UnhandledExceptionsOnly | REG_DWORD | 1 | only HKCU | SAP Note 559285 |

9.2.19 Software\SAP\SAPGUI Front\SAP Frontend Server\ReleaseDebug\ShowBorders

| Value | Type | Default | Reading Priority | Chapter/ Reference |
|-------------------------------|-----------|---------|------------------|---------------------------------|
| CMyManager.ShowBorders | REG_DWORD | 0 | HKCU --> HKLM | SAP Note 324687 |
| CMyManager.ShowNames | REG_DWORD | 0 | HKCU --> HKLM | SAP Note 324687 |
| ENABLED | REG_DWORD | 0 | HKCU --> HKLM | SAP Note 324687 |
| SHOW_ALL | REG_DWORD | 1 | HKCU --> HKLM | SAP Note 324687 |

9.2.20 Software\SAP\SAPGUI Front\SAP Frontend Server\SapChart

| Value | Type | Default | Reading Priority | Chapter/ Reference |
|---------------|-----------|---------|------------------|----------------------------------|
| Mirror | REG_DWORD | 0 | HKCU --> HKLM | SAP Note 1287485 |

9.2.21 Software\SAP\SAPGUI Front\SAP Frontend Server\Scripting

| Value | Type | Default | Reading Priority | Chapter/Reference |
|-------------------------|-----------|---------|------------------|----------------------------------|
| DisableWriteToDisk | REG_DWORD | 0 | Only HKLM | SAP Note 867260 |
| SetSapWorkDirOnOpenConn | REG_DWORD | 1 | HKCU --> HKLM | SAP Note 1270130 |
| Virgo | REG_DWORD | 1 | HKCU --> HKLM | SAP Note 1139539 |
| WaitForResponse1 | REG_DWORD | 1 | HKCU --> HKLM | SAP Note 867619 |

9.2.22 Software\SAP\SAPGUI Front\SAP Frontend Server\Security

| Value | Type | Default | Reading Priority | Chapter/Reference |
|----------------------|-----------|---------|------------------|----------------------------------------------------------------------------------------------------------------|
| ActivateLogging | REG_DWORD | 0 | Only HKLM | Security Guide SAP GUI for Windows: "Central Repository for Security Configuration" chapter |
| Configuration | REG_DWORD | 1 | Only HKLM | Security Guide SAP GUI for Windows: "Central Repository for Security Configuration" chapter |
| DefaultAction | REG_DWORD | 1 | Only HKLM | Security Guide SAP GUI for Windows: "Central Repository for Security Configuration" chapter |
| DisplayNotifications | REG_DWORD | 1 | Only HKLM | Security Guide SAP GUI for Windows: "Central Repository for Security Configuration" |

9.2 Registry Keys Overview

| | | | | |
|---------------------------------|---------------|------|---------------|----------------------------------------------------------------------------------------------------------------|
| | | | | chapter |
| DP.KeepAlive | REG_DWORD | 0 | only HKLM | SAP Note 701618 |
| InitSaveDir | REG_EXPAND_SZ | none | only HKLM | Security Guide SAP GUI for Windows: "Central Repository for Security Configuration" chapter |
| Location | REG_EXPAND_SZ | none | only HKLM | Security Guide SAP GUI for Windows: "Central Repository for Security Configuration" chapter |
| LoggingDestinationDir | REG_EXPAND_SZ | none | only HKLM | Security Guide SAP GUI for Windows: "Central Repository for Security Configuration" chapter |
| SecurityLevel | REG_DWORD | 1 | Only HKLM | Security Guide SAP GUI for Windows: "Central Repository for Security Configuration" chapter |
| UserRuleEditing_ReadOnly | REG_DWORD | 0 | only HKLM | Security Settings Page |
| UserScripting | REG_DWORD | 1 | HKCU --> HKLM | Scripting Page |
| WarnOnAttach | REG_DWORD | 1 | HKCU --> HKLM | Scripting Page |
| WarnOnConnection | REG_DWORD | 1 | HKCU --> HKLM | Scripting Page |

9.2.23 Software\SAP\SAPGUI Front\SAP Frontend Server\Splitter

| Value | Type | Default | Reading Priority | Chapter/Reference |
|--------------------|-----------|---------|------------------|---------------------------------|
| NewSplitter | REG_DWORD | 1 | HKCU --> | SAP Note 676532 |

| | | | | |
|--|--|--|------|--|
| | | | HKLM | |
|--|--|--|------|--|

9.2.24 Software\SAP\SAPGUI Front\SAP Frontend Server\Trace

| Value | Type | Default | Reading Priority | Chapter/Reference |
|-----------------------|-----------|---------|------------------|-------------------------------------|
| SessionTrace_ReadOnly | REG_DWORD | 0 | only HKLM | Session Traces Page |

9.2.25 Software\SAP\SAPGUI Front\SAP Frontend Server\Window

| Value | Type | Default | Reading Priority | Chapter/Reference |
|----------|-----------|---------|------------------|---------------------------------|
| Maximize | REG_DWORD | 0 | only HKCU | SAP Note 103019 |

9.2.26 Software\SAP\SAPGui\Administration

| Value | Type | Default | Reading Priority | Chapter/Reference |
|---------------|-----------|----------|------------------|----------------------------------|
| UpDownload_CP | REG_DWORD | See note | HKCU --> HKLM | SAP Note 1073779 |

9.2.27 Software\SAP\SAPGui\Trace

| Value | Type | Default | Reading Priority | Chapter/Reference |
|----------------|-----------|---------|------------------|-------------------------------------|
| Level_ReadOnly | REG_DWORD | 0 | only HKLM | SAP GUI Traces Page |

9.2.28 Software\SAP\SAPLogon

| Value | Type | Default | Reading Priority | Chapter/Reference |
|------------------------------------|-----------|-----------------------------|------------------|---------------------------------|
| AutoClose | REG_DWORD | 1 | HKLM --> HKCU | SAP Note 743482 |
| HideColumnGroupServerOnSystemTab | REG_DWORD | 1 (hidden) 0 (displayed) | HKLM --> HKCU | SAP Note 806296 |
| HideColumnMessageServerOnSystemTab | REG_DWORD | 1 (hidden) 0 (displayed) | HKLM --> HKCU | SAP Note 806296 |
| HideColumnRouterOnSystemTab | REG_DWORD | 1 (hidden) 0 (displayed) | HKLM --> HKCU | SAP Note 806296 |
| HideColumnSIDOnSystemTab | REG_DWORD | 1 (hidden) 0 (displayed) | HKLM --> HKCU | SAP Note 806296 |
| HideColumnSysNoOnSystemTab | REG_DWORD | 1 (hidden) 0 (displayed) | HKLM --> HKCU | SAP Note 806296 |

9.2 Registry Keys Overview

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|-----------------------------------------------|-----------|-----------------------------|------------------|--------------------------------------------------------|
| HideColumnSystemDescriptionOnSystemTab | REG_DWORD | 1 (hidden) 0 (displayed) | HKLM --> HKCU | SAP Note 806296 |
| SearchLabelBySid | REG_DWORD | 1 | HKLM --> HKCU | SAP Note 864215 |
| ShowExplorerView | REG_DWORD | 1 | none | Disabling SAP Logon Views via Registry |
| ShowListView | REG_DWORD | 1 | none | Disabling SAP Logon Views via Registry |
| ShowTreeView | REG_DWORD | 1 | none | Disabling SAP Logon Views via Registry |

9.2.29 Software\SAP\SAPLogon\Options

| Value | Type | Default | Reading Priority | Chapter/Reference |
|--------------------------------------|---------------|---------|------------------------------------------------------------|--------------------------------------------------|
| AllowCachingServerConfigFiles | REG_DWORD | 1 | SAP Logon (Pad): HKCU --> HKLM (HKLM --> HKCU) | Server Configuration Files Page |
| ConfigFileOnServer | REG_EXPAND_SZ | “ ” | SAP Logon (Pad): HKCU --> HKLM (HKLM --> HKCU) | Server Configuration Files Page |
| ConfirmDelete | REG_DWORD | 1 | SAP Logon (Pad): HKCU --> HKLM (HKLM --> HKCU) | SAP Logon Options - General Page |
| HideToTrayBar | REG_DWORD | 0 | SAP Logon (Pad): HKCU --> HKLM (HKLM --> HKCU) | SAP Logon Options - General Page |
| MessageServerTimeout | REG_DWORD | 10 | SAP Logon (Pad): HKCU --> HKLM (HKLM --> HKCU) | SAP Logon Options - General Page |
| NoEditFunctionality | REG_DWORD | 0 | SAP Logon (Pad): | SAP Logon Options - |

| | | | | |
|-------------------------------------|---------------|----------------------|------------------------------------------------------------|--------------------------------------------------|
| | | | HKCU --> HKLM (HKLM --> HKCU) | General Page |
| PathConfigFilesLocal | REG_EXPAND_SZ | %APPDATA%\SAP\Common | SAP Logon (Pad): HKCU --> HKLM (HKLM --> HKCU) | Local Configuration Files Page |
| SapguiINTCmdOpts | REG_SZ | " " | SAP Logon (Pad): HKCU --> HKLM (HKLM --> HKCU) | SAP Logon Options - General Page |
| SAPLogonTraceLevel_ReadOnly | REG_DWORD | 0 | only HKLM | SAP Logon Traces Page |
| UseSAPLogonLanguageAsDefault | REG_DWORD | 1 | SAP Logon (Pad): HKCU --> HKLM (HKLM --> HKCU) | SAP Logon Options - General Page |

9.2.30 Software\SAP\SAPLogon\Settings

| Value | Type | Default | Reading Priority | Chapter/Reference |
|----------------------------|-----------|-------------------------------------|------------------|----------------------------------|
| DisplaySplashScreen | REG_DWORD | 0 | HKCU --> HKLM | SAP Note 1588886 |
| SplashOff | REG_SZ | 1 | HKCU --> HKLM | SAP Note 1588886 |
| SplitterPosition | REG_SZ | splitter size of the left pane in % | HKCU --> HKLM | SAP Note 1992105 |

9.2.31 Software\SAP\SAPLogon\Settings\Connections

| Value | Type | Default | Reading Priority | Chapter/Reference |
|---------------------|-----------|---------|------------------|----------------------------------|
| ColumnWidth1 | REG_DWORD | 200 | only HKCU | SAP Note 1452898 |

9.2.32 Software\SAP\SAPShortcut\Security

| Value | Type | Default | Reading | Chapter/ |
|-------|------|---------|---------|----------|
|-------|------|---------|---------|----------|

9.2 Registry Keys Overview

| | | | Priority | Reference |
|----------------|-----------|---|------------------|---------------------------------|
| EnablePassword | REG_DWORD | 0 | HKCU --> HKLM | SAP Note 146173 |