

## *The Preference Manager*

The Preference Manager is used for setting up the default behavior of the SDL suite tools, and the common Telelogic Tau tools.

This chapter is a reference to the Preference Manager; the functionality it provides, its menus, windows and symbols and a description of the preference parameters.

For a guide to how to use the Preference Manager to customize the behavior of the Telelogic Tau tools, see chapter 4, *Managing Preferences*.

## Preferences Manager User Interface

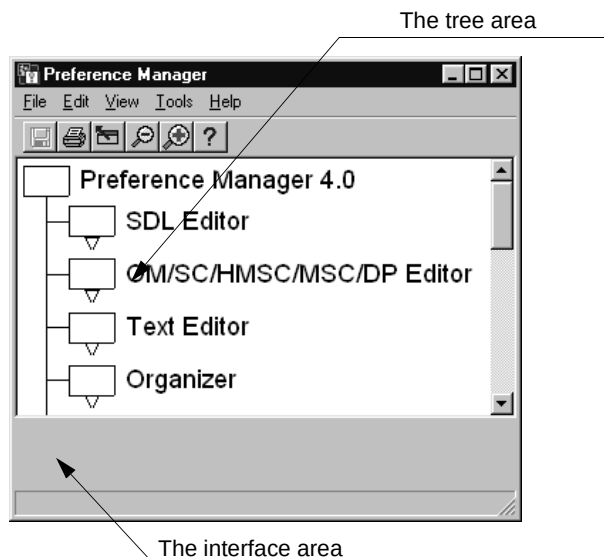


Figure 57: The Preference Manager window

The items that build up the Preferences Manager window are:

- The Tree Area
- The The Interface Area
- The Menu Bar

### Tree Area

The *tree area* displays the tools that obey to the preference mechanism in the Telelogic Tau tools and their respective preference parameters. The notation uses a graphical approach featuring a tree with icons symbolizing the various items that are managed by the tool.

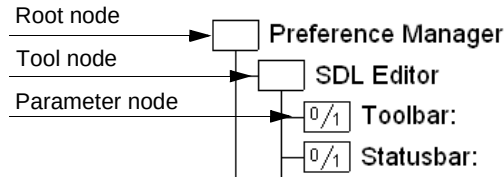


Figure 58: Node in the tree area

## Node Syntax

Each node in the tree represents either a:

- *root node*

The root node is identified by the name Preference Manager, followed by a version number.

- *tool node*

A tool node is identified by the name of an Telelogic Tau tool.

### Note:

The Preference Manager only supports the SDL suite tools, and the common Telelogic Tau tools. See [chapter 30, Customizing the TTCN Suite \(on UNIX\)](#), for information about how to customize the TTCN suite **on UNIX**.

- *parameter node*

Each parameter node in the tree is identified with an icon showing:

- the *name* of the parameter
- the *current value* for the parameter
- the *saved value* and the *default value* within one or two parentheses: ( ( ) )
- the *Preference Source* within brackets, [ ], i.e. whether it is a *company* or *project* or *user-defined* setting
- a *descriptive text* providing additional information about the preference parameter.

**Example 10: A Line in the Preferences Window** -----

Given the following line in the Preferences window, with all View Options turned “on”:

 Editor\*SymbolMenu:                      off (off (on)) [User]            Show the symbol

Figure 59: A line in the Preferences window

The information on the line in Figure 59 should be interpreted as:

| Item                                                                              | Interpretation                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | The <i>icon</i> informing that the preference parameter is a boolean parameter (0/1, false/true or off/on parameter).                                                                                                          |
| Editor*SymbolMenu                                                                 | The <i>name</i> of the preference parameter, consisting of <ul style="list-style-type: none"> <li>the name of the tool it affects, Editor</li> <li>the name of the parameter, SymbolMenu</li> </ul> Separated with an asterisk |
| off                                                                               | The <i>current value</i> for the parameter.                                                                                                                                                                                    |
| (off)                                                                             | The <i>saved value</i> for the parameter.                                                                                                                                                                                      |
| ((on))                                                                            | The <i>default value</i> for the parameter.                                                                                                                                                                                    |
| [User]                                                                            | The parameter’s <i>source</i> , in this case the parameter is defined by the user.                                                                                                                                             |
| Show the symbol menu                                                              | The parameter’s <i>description</i> , i.e. what tool property the parameter affects.                                                                                                                                            |

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The tree is a visualization of the merged preference parameters, supplied from different sources (see “Search Order When Reading Preference Parameters” on page 232), as the Telelogic Tau tools will perceive them. Furthermore, each node in the tree can be collapsed or expanded (see “Collapse” on page 223) in order to reduce or extend the amount of information that is visible, thus facilitating the work with the tool. It is

also possible to filter the information that is displayed with respect to various view options (see “[View Options](#)” on page 224).

## Dirty Notification

When a preference parameter is modified but not saved, this is indicated by the icon appearance changing from a light color to a gray pattern. The parent *tool node* and the *root node* are also marked as dirty when any parameter is changed.

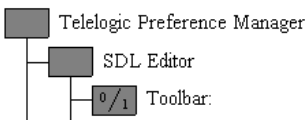


Figure 60: Nodes marked as dirty

## The Interface Area

The interface section located under the tree view is where values are edited in an *Edit Area*. The type of *Edit Area* varies with the type of value selected.

There are different types of preference parameters:

- [\*Textual Preference\*](#)
- [\*Option Menu Preference\*](#)
- [\*Option Menu Textual Preference\*](#)
- [\*Font Preference \(Windows only\)\*](#)
- [\*Boolean Preference\*](#)
- [\*Ranged Integer Preference\*](#)
- [\*File Preference\*](#)
- [\*Directory Preference\*](#)
- [\*Color Menu Preference\*](#)

| Icon | Edit Area                                                                                           |
|------|-----------------------------------------------------------------------------------------------------|
|      | <div></div> <p>Textual Preference</p> <p>– The preference parameter is edited as a text string.</p> |

| Icon                                                                              | Edit Area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <div></div> <p>Option Menu Preference</p> <ul style="list-style-type: none"><li>– The preference parameter may be selected from a number of predefined values in the option menu.<sup>a</sup></li></ul>                                                                                                                                                                                                                                                           |
|  | <div><p>On UNIX:</p><div></div><p>In Windows:</p><div></div></div> <p>Option Menu Textual Preference</p> <ul style="list-style-type: none"><li>– The preference parameter may be selected from a number of predefined values in the option menu.<sup>a</sup> An alternative is to type in the value into the text field, which grants access to not predefined values.</li></ul> |

## Preferences Manager User Interface

| Icon                                                                                | Edit Area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <div></div> <p>Font Preference (<b>Windows only</b>)</p> <ul style="list-style-type: none"><li>– The font must be selected by clicking the folder button, which opens a Microsoft Windows Font dialog. It is not possible to edit the text field to the left of the folder button.</li><li>– In the dialog, all fonts in the system are listed. It is also possible to select font style and size, but these values have no effect; only the specified font name is used.</li><li>– Any font name can be entered by editing the <i>Font</i> text field in the font dialog. This possibility is useful when setting a font for printing that is not available in the system, but exists on the printer.</li><li>– The three font names “Times”, “Helvetica” and “Courier” are recognized. These are translated into the TrueType fonts Times New Roman, Arial and Courier New, respectively.</li><li>– When using other fonts than the three mentioned above for printing, the preference Print*<u>Destination-Format</u> should be set to <i>MSWPrint</i> to get the best result for symbols that are adjusted to the text size.</li></ul> |
|  | <div></div> <p>Boolean Preference</p> <ul style="list-style-type: none"><li>– The value is changed by clicking the corresponding radio button.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|  | <div></div> <p>Ranged Integer Preference</p> <ul style="list-style-type: none"><li>– The preference parameter may be assigned any integer value within the range supported by the slide bar.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

| Icon                                                                              | Edit Area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  <p>File Preference</p> <ul style="list-style-type: none"> <li>– The preference parameter may be assigned any file name, entered as a text string into the text field or selected in a dialog issued by the folder button.</li> </ul> <p>Directory Preference</p> <ul style="list-style-type: none"> <li>– The preference parameter may be assigned any directory name, entered as a text string into the text field or selected in a dialog issued by the folder button.</li> </ul> |
|  |  <p>Color Menu Preference</p> <ul style="list-style-type: none"> <li>– The preference parameter may be selected from a number of predefined values in the option menu.</li> </ul>                                                                                                                                                                                                                                                                                                    |

- a. When the mouse pointer is moved over a value in the option menu, a short description of the value is printed in the status bar. Values whose description starts with “(UNIX only)” or “(Windows only)” should only be selected on a UNIX system or a Windows system, respectively.

Selecting a parameter and editing its value with the provided UI device changes its value. The parameter’s icon is set as dirty (see [“Dirty Notification” on page 215](#)).



# Menu Bar

The menu bar contains the following menus:

- File Menu
- Edit Menu
- View Menu
- Tools Menu
- Help Menu

## File Menu

The *File* menu contains the following menu choices:

- Save
- Revert
- Print  
(see “The Print Dialogs in the SDL Suite and in the Organizer” on page 308 in chapter 5, *Printing Documents and Diagrams*)
- Info
- Exit  
(see “Exit” on page 15 in chapter 1, *User Interface and Basic Operations*)

## Save

This menu choice saves the parameters that have been modified in the User's Preference File, **on UNIX** in `$HOME/.sdtpref`, and **in Windows** in `%HOME%\sdt.ini`

But, before saving the preference settings, the user will be warned if there are modified preferences that are defined as company or project preferences:

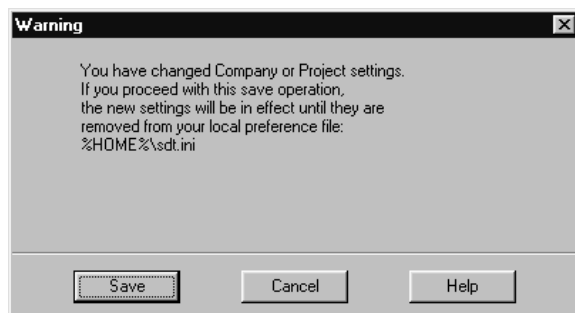


Figure 61: Attempting to save a modified project or organization parameter

- Clicking **Save** saves **all** modified preference parameters on the *User's Preference File*, which may implicate a violation of the rules set up in the project!

### Caution!

Consider the implications before you click **Save**.

When the save has been performed the user will be warned that changes will not be in effect before the tools have been restarted.

### **Revert**

The menu choice reverts all preference parameters to the currently *saved values*, as they were defined when starting the Preference Manager. The *Revert* command requires to be confirmed, in case any preference parameters are modified and have not been saved:

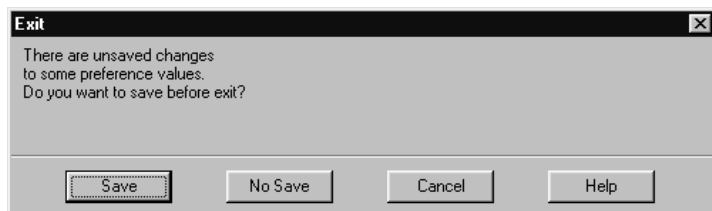
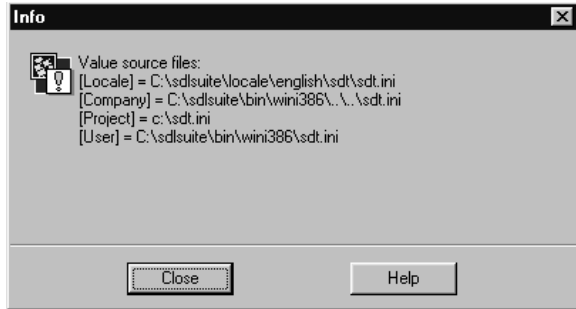


Figure 62: The Confirm to Revert dialog

### Info

This menu choice issues a message with information about the preference source for the preference parameters.



*Figure 63: Information about preference sources*

The message shows four items:

- [Locale] - <file specifier>  
The location of the locale preference file
- [Company] - <file specifier>  
The location of the company / organization preference file
- [Project] - <file specifier>  
The location of the project preference file
- [User] - <file specifier>  
The location of the user's preference file.

See [“Preference Files” on page 229](#) for more information on preference files and search order.

## Edit Menu

The *Edit* menu contains the following menu choices:

- Set Saved Value
- Set Default Value
- Unsave

### Set Saved Value

This command restores the selected parameter to its currently *saved* value. The menu choice is also available from the pop-up menu.

### Set Default Value

This command restores the selected parameter to its *default* value (i.e. factory setting). The menu choice is also available from the pop-up menu.

### Unsave

This command allows to remove a preference parameter from the Us-er's Preference File when saving the file, i.e. *Unsave* it. The command is available on user-defined parameters only; user-defined parameters are shown with their Value Sources set to [User].

A dialog is displayed following invocation of the command:

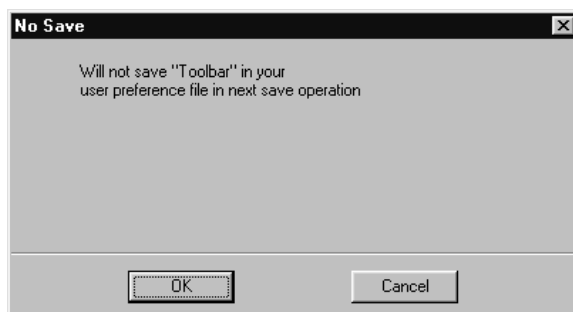


Figure 64: The Unsave dialog

- Clicking *OK*, the parameter's source changes to [User (No Save)]. The preference parameter will be removed from the user's prefer-

ence **after the next** Save command, changing its source to [Project] or [Company].

### View Menu

The *View* menu contains the following menu choices:

- Expand
- Expand All
- Collapse
- Collapse All
- View Options
- Set Scale

#### **Expand**

This menu choice is available only if the currently selected object is a tool node. The command expands the subtree starting from the selected tool, making all parameters for that tool visible.

The operation is also available from the pop-up menu and with a double-click.

#### **Expand All**

This command expands the entire tree, thus making all parameter nodes visible.

The operation is also available from the pop-up menu.

#### **Collapse**

This menu choice is available only if the currently selected object is a tool node. The command collapses the parameter nodes belonging to the current tool, leaving only the tool node visible in the subtree.

The operation is also available from the pop-up menu and with a double-click.

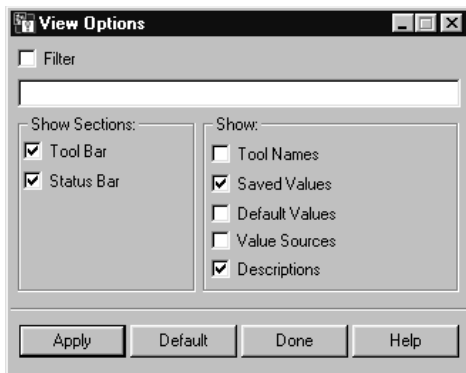
#### **Collapse All**

This menu choice collapses all tool nodes and hides the parameter nodes. Only the root node and the tool nodes are left visible.

The operation is also available from the pop-up menu

### **View Options**

This menu choice issues a modeless dialog, the View Options dialog:



*Figure 65: The View Options dialog*

The dialog contains the following toggle buttons:

- A Tool Bar button
- A Status Bar button
- A Filter Field and Filter Button
- A Tool Names button
- A Saved Values button
- A Default Values button
- A Value Sources button
- A Descriptions button

#### **Tool Bar**

This button controls the presence of the quick buttons.

The tool bar is visible by default.

#### **Status Bar**

This option determines whether the *Status Bar* should be visible or not.

The status bar is by default visible.

### **Filter Field and Filter Button**

If the *Filter Button* is on, the *Tree Area* will only show the preference parameters which name contain the text string that is entered in the *Filter Field*.

#### **Note:**

The name of a preference parameter consists of a combination of a tool name and of the parameter itself (see [“Syntax of Preference Files” on page 231](#)).

The filter option compares the text strings without respect to upper or lower case characters.

By default, no filtering is applied.

### **Tool Names**

This option controls whether the prefix in preference parameters (consisting of the tool name and of an asterisk) should be displayed or not (see [“Syntax of Preference Files” on page 231](#)).

Tool names are not displayed by default.

### **Saved Values**

This option determines whether the *saved values* should be made visible or not. The saved values are the values that are currently stored on the preference files.

Saved values are displayed within one level of parentheses (*saved value*). See [Example 10 on page 214](#).

Saved values are displayed by default.

### **Default Values**

This option determines whether the *default values* (i.e. factory settings) should be made visible or not.

Default values are displayed within two levels of parentheses (*(default value)*). See [Example 10 on page 214](#).

Default values are not displayed by default.

**Value Sources**

This option determines whether the *Preference Source* for the parameters should be displayed or not. A preference parameter may be retrieved from any of the following sources:

- The *company settings*
- The *project settings*
- The *user's own settings*

Source values are displayed within brackets [] and are not visible by default.

**Descriptions**

This option determines whether an informative text should be displayed or not. The text is purely informational and provides an additional description of the function of the preference parameter. See [Example 10 on page 214](#).

Parameter descriptions are not displayed by default.

**Set Scale**

This menu choice opens a dialog where you may set the scale used in the preferences window. The scale may be set between 20% and 800%. 100% is the default.

**Tools Menu**

The *Tools* menu contains one menu choice:

- *Show Organizer*  
(see “[Show Organizer](#)” on page 15 in chapter 1, *User Interface and Basic Operations*)



# Popup Menu

The contents of the popup menu depends on which node you click on.

## On the Root Node

|                            |                                          |
|----------------------------|------------------------------------------|
| <u><i>Collapse All</i></u> | See “ <u>Collapse All</u> ” on page 223. |
| <u><i>Expand All</i></u>   | See “ <u>Expand All</u> ” on page 223.   |

## On a Tool Node

|                        |                                      |
|------------------------|--------------------------------------|
| <u><i>Collapse</i></u> | See “ <u>Collapse</u> ” on page 223. |
| <u><i>Expand</i></u>   | See “ <u>Expand</u> ” on page 223.   |

## On a Value Node

|                                 |                                                                |
|---------------------------------|----------------------------------------------------------------|
| <u><i>Set Saved Value</i></u>   | See “ <u>Set Saved Value</u> ” on page 222.                    |
| <u><i>Set Default Value</i></u> | See “ <u>Set Default Value</u> ” on page 222.                  |
| <i>Help</i>                     | Request on-line help for the preference parameter in question. |

## Keyboard Accelerators

Apart from the general keyboard accelerators, as described in [“Keyboard Accelerators” on page 35 in chapter 1, \*User Interface and Basic Operations\*](#), the following accelerators can be used in the References window:

| Accelerator     | Operation                                                                                |
|-----------------|------------------------------------------------------------------------------------------|
| Arrow Up        | Move selection up among the expanded nodes                                               |
| Arrow Down      | Move selection down among the expanded nodes                                             |
| Page Up         | Scroll up                                                                                |
| Page Down       | Scroll down                                                                              |
| Home            | Scroll left                                                                              |
| End             | Scroll right                                                                             |
| Ctrl+Home       | Display first line                                                                       |
| Ctrl+End        | Display last line                                                                        |
| Space or Return | Expand or collapse a node.<br>Traverse through option menu.<br>Toggle parameters on/off. |
| F2              | Raise the pop-up menu.                                                                   |

# Preference Files

All of the preference parameters along with their values (exception made for the default settings which are programmed into the Telelogic Tau tools) are stored on dedicated files, the *preference files*. The preference files may be edited with any text editor since the information is stored in textual form.

The Preference Manager manages these files and provides the graphical user support for customizing the Telelogic Tau tools in an easy way.

### Note:

The TTCN suite cannot be customized by preferences. Instead, see [chapter 30, Customizing the TTCN Suite \(on UNIX\)](#).

## Preference Source

The following files build up the preference environment:

- The [Locale Preference File](#)
- The [User's Preference File](#)
- The [Project Preference File](#)
- The [Company Preference File](#)

The following items constitute the various sources for preference parameters. The source identifier may be made visible with the [Value Sources](#) options in the [View Options](#) dialog.

| Source Identifier | Source Description                                                                                                              |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------|
| [User]            | The <a href="#">User's Preference File</a>                                                                                      |
| [User (No Save)]  | The <a href="#">User's Preference File</a> , will be removed from the user's preference file next time the parameters are saved |
| [Project]         | The <a href="#">Project Preference File</a>                                                                                     |
| [Company]         | The <a href="#">Company Preference File</a>                                                                                     |
| [Locale]          | The <a href="#">Locale Preference File</a>                                                                                      |
| [Default]         | The default <a href="#">Factory Settings</a> .                                                                                  |

### User's Preference File

This file stores the preferences parameters that a user has modified. The file is created / updated as a result of the Save command.

The user's preference file is identified **on UNIX** by:

```
$HOME/.sdtpref
```

and **in Windows** by:

```
%HOME%\sdt.ini
```

#### Note: \$HOME and %HOME%

**On UNIX**, \$HOME is assumed always to be defined in the computer environment.

**In Windows**, if %HOME% is not set, the user's preferences will be stored in the directory from which Telelogic Tau is started.

### Project Preference File

This file stores the preferences values that are to be applied to a specific instance of a project where the Telelogic Tau tools are used.

The project preference file is identified **on UNIX** by:

```
$SDTPREF/.sdtpref
```

and **in Windows** by:

```
%SDTPREF%\sdt.ini
```

#### Note: \$SDTPREF and %SDTPREF%

If \$SDTPREF (**on UNIX**) or %SDTPREF% (**in Windows**) is not set, the project preference file feature will be disabled. In a multi-user environment, it is strongly recommended to use a directory resident on a network drive for the project preferences. All project members should have read access to this directory.

### Company Preference File

This file stores the preference values that are common for an entire company or organization and therefore should be applied to all projects and users of the Telelogic Tau tools.

The company preference file is identified **on UNIX** by:

```
$telelogic/.sdtpref
```

and **in Windows** by:

```
<Installation directory>\sdt.ini
```

### Note:

**On UNIX**, `$telelogic` is assumed always to be set in a Telelogic Tau environment.

**In Windows**, to function properly (in the sense of being unique) in a multi-user environment, the company preference file should be stored on a directory on a network drive, e.g. if Telelogic Tau is installed on a network. Also, all users should have read access to the company preference file.

### Locale Preference File

This file stores the preference values that are locale dependent and should therefore be applied to all projects and users of the Telelogic Tau tools.

### Factory Settings

These are the settings that are defined by default in the Telelogic Tau tools. The factory settings will be used whenever a preference parameter could not be found in the [Preference Files](#).

## Syntax of Preference Files

A line in the preference file contains two items:

1. The first item specifies a tool and a parameter, separated by an asterisk.
2. The second item specifies the current value that is to be assigned to that parameter when starting up the tool.

The syntax is:

```
tool*parameter: value
```

### Example 11: A Line in Preferences File

-----  
An example line in a preferences file could look like this:

```
Print*Scale:100
```

Meaning that the scale when printing is 100%.

---

The order of appearance of the parameters in a file is of no significance.

## Search Order When Reading Preference Parameters

This section discusses how the Telelogic Tau tools read the preference parameters.

When a tool starts, it will automatically (i.e. no user-interaction is required) retrieve the preference values **in an incremental way**, following the order of search described below and illustrated in [Figure 66](#) and [Figure 67](#):

1. First, fallback values (default factory settings) are loaded, followed by the locale settings.
2. Then, if the environment variable `SDTPREF` is set:
  - If `$SDTPREF/.sdtpref` (**on UNIX**), or `%SDTPREF%\sdt.ini` (**in Windows**) exists, that file is read **incrementally**<sup>1</sup> as the project preference file.
  - Otherwise, the Telelogic Tau tools will look for organization preferences in the Telelogic Tau tools installation directory, in the file designated by `$telelogic/.sdtpref` (**on UNIX**) or `<Installation directory>\sdt.ini` (**in Windows**).
3. Finally, if the `HOME` environment variable is set, and `$HOME/.sdtpref` (**on UNIX**) or `%HOME%\sdt.ini` (**in Windows**) exists, that file is read **incrementally** as the user's preference file.
  - Otherwise, if `HOME` is not set, the preference file in the directory from which Telelogic Tau was started is read **incrementally** as the user's preference file.

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1. Incrementally in the sense that only parameters that are stored in the project preference file will override previous settings.

# Preference Files

The method above allows to configure an Telelogic Tau tool environment by defining some preferences as company-wide or project-wide, while allowing users to customize other preferences.

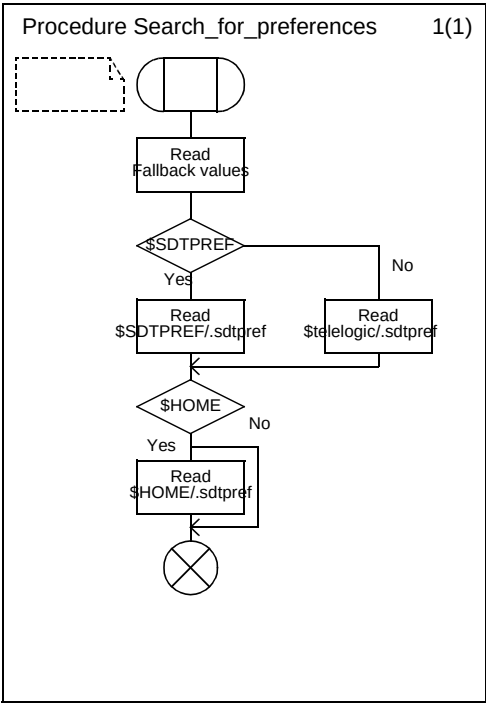


Figure 66:How the Telelogic Tau tool searches for preference parameters (on UNIX)

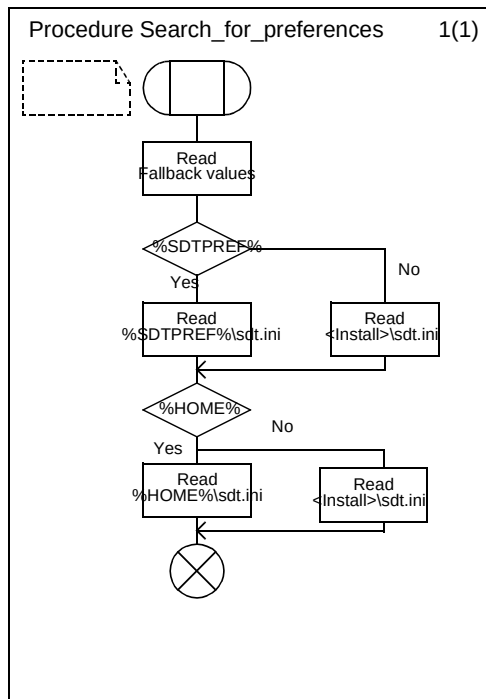


Figure 67: How the Telelogic Tau tool searches for preference parameters **(in Windows)**

## Save of Preference Values

When a preference parameter is saved, it is always stored as a user-defined preference parameter in the user's preference file, i.e.

`$HOME/.sdtpref` **(on UNIX)**, or `%HOME%\sdt.ini` **(in Windows)**, if `HOME` is set. If `HOME` is not set, the preference parameters are stored in a preference file in the directory from which Telelogic Tau was started.

The above implies that modifying a parameter that was originally defined as a project or organization parameter, the parameter will from now on be considered as a user-defined parameter. The user is however notified about this (see [Figure 61 on page 220](#)).



# Preference Parameters

The following sections are a reference to the preference parameters in the Telelogic Tau tools with their default values and a description of what the parameter affects.

### Note:

All preference parameters for the Telelogic Tau tools that are available on UNIX and in Windows are listed and described. This is to ensure compatible interchange of preferences between UNIX and Windows platforms, even if the preference parameter has no impact on one of the platforms. When this is the case, it is clearly noted.

For clarity reasons, the prefix that identifies the tool that the parameter applies to is specified once only, at the beginning of each tool section.

Preference parameters are grouped tool-wise. Within each tool section, parameters are listed in alphabetic order.

Where the parameter is specified with a numeric default value, the sort is specified within parentheses “()”. Parameters whose value is specified as a text and which do not have any default value are identified as “”. Possible values are not specified; the user should run the Preference Manager in order to obtain a reference to the permitted values.

The following preference groups exist:

- [Generic Preferences](#)
- [Organizer Preferences](#)
- [Help Viewer Preferences](#)
- [Preference Manager Preferences](#)
- [Print Preferences](#)
- [Text Editor Preferences](#)
- [SDL Editor Preferences](#)
- [OM/SC/HMSC/MSD/DP Editor Preferences](#)
- [Index Viewer Preferences](#)
- [Type Viewer Preferences](#)
- [Coverage Viewer Preferences](#)
- [SDL Overview Generator Preferences](#)
- [Simulator GUI Preferences](#)
- [Validator GUI Preferences](#)

The TTCN suite tools cannot be customized by preferences. Instead, see [chapter 30, Customizing the TTCN Suite \(on UNIX\)](#).

## Common Telelogic Tau Preferences

These preferences apply to tools that are available in all Telelogic Tau tools.

### Generic Preferences

Prefix: SDT\*

Generic preferences may be used by tools that have not defined any specialization for these preferences.

| Preference Parameter  | Default | Affects                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AllowSpaceInFileNames | off     | Whether Telelogic Tau allows the user to add files with names containing spaces. The default setting of not allowing file names with spaces is set to ensure maximum compatibility with other tools that may be connected to Telelogic Tau. Unless you are using Telelogic Tau stand-alone, you should carefully consider if your environment can correctly support spaces in file names before enabling this feature. |
| CaseSensitive         | off     | Whether the SDL language should be case sensitive or not. It will effect the syntax check in the SDL Editor and the work of the Analyzer. The default setting is as SDL96, i.e. the language is not case sensitive. Also used as the default value for the Analyzer option <u>Case sensitive SDL</u> in the Organizer.                                                                                                 |

## Common Telelogic Tau Preferences

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| Preference Parameter     | Default                            | Affects                                                                                                                                                                                                                                                         |
|--------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CMIntegration            | No integration                     | Specifies if Telelogic Tau is used together with an external configuration management tool. When set to <i>ClearCase</i> , the name of the view is shown in the Organizer window title.                                                                         |
| Drives                   | “”                                 | The default contents of the <a href="#">The Drives Section</a> in the system file for a newly created system.                                                                                                                                                   |
| EmacsCommand             | “emacs”                            | The command used to start the Emacs text editor.<br><b>UNIX only</b> , see <a href="#">Note: on page 235</a> .                                                                                                                                                  |
| FileNameCompletion       | on                                 | Whether file name completion is invoked by a completion character.                                                                                                                                                                                              |
| FileNameCompletionChar   | “”                                 | The character that invokes file name completion.                                                                                                                                                                                                                |
| FunctionFrequencyLogFile | “”                                 | File to save tool usage statistics on; see <a href="#">FunctionFrequencyLogging</a> . In addition, tool usage statistics is also saved to a file <code>sdtfreq.log</code> in the installation directory.                                                        |
| FunctionFrequencyLogging | on                                 | Whether to collect statistics on the usage of menu commands, quick buttons and accelerators. The tools that support collecting statistics are: <ul style="list-style-type: none"><li>• the Organizer</li><li>• the SDL Editor</li><li>• the OM Editor</li></ul> |
| ISpellCommand            | “type %1   ispell -w “_” -f %2 -a” | Template for the command used to communicate with ispell spelling checker.                                                                                                                                                                                      |

| Preference Parameter    | Default     | Affects                                                                                                                                                                                                                               |
|-------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LicenseTimeout          | 0           | The time interval (in hours) an interactive SDL suite user is allowed to remain idle before licenses are automatically released. Setting this value to 0 disables the automatic release of licenses.                                  |
| PrintFontFamily         | “Times”     | The font face to use when printing text.                                                                                                                                                                                              |
| RelativeSDTREF          | off         | If file names in SDT references should be expressed as relative to source directory or not.                                                                                                                                           |
| Scale                   | 100 (%)     | The scale to use when displaying on screen.                                                                                                                                                                                           |
| ScreenFontFamily        | “Helvetica” | The font face to use when displaying text on screen.                                                                                                                                                                                  |
| SearchUnderscoreAware   | on          | Decides if the search operation should find “a_ b” when searching for “ab” in SDL diagrams and MSCs.                                                                                                                                  |
| Sound                   | on          | The emission of an alert sound (beep) when performing an illegal operation.                                                                                                                                                           |
| StartInformationServer  | on          | If an Information Server should be allowed to start or not.                                                                                                                                                                           |
| TextEditor              | Telelogic   | The text editor to use when editing text documents.                                                                                                                                                                                   |
| UseLowerCaseInFileNames | off         | If turned on, saved diagram names are converted to lower case to provide UNIX/DOS file name compatibility. Activating this preference can lead to problems when accessing existing files with names containing non-lowercase letters. |

## Common Telelogic Tau Preferences

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| Preference Parameter          | Default       | Affects                                                                                                                                   |
|-------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| WordCommand                   | “Winword.exe” | The command used to start Microsoft Word.<br><b>Windows only</b> , see <a href="#">Note: on page 235</a> .                                |
| TextWindowFontFamily          | Courier New   | The font used in text windows.<br><b>Windows only</b> , see <a href="#">Note: on page 235</a> .                                           |
| TextWindowFontHeight          | 10            | The size of the font used in text windows.<br><b>Windows only</b> , see <a href="#">Note: on page 235</a> .                               |
| UserInterfaceFontFamily       | MS Sans Serif | The font used in the user interface.<br><b>Windows only</b> , see <a href="#">Note: on page 235</a> .                                     |
| UserInterfaceFontHeight       | 9             | The size of the font used in the user interface.<br><b>Windows only</b> , see <a href="#">Note: on page 235</a> .                         |
| SimulatorValidatorFont-Family | Arial         | The font used in the simulator and validator user interface.<br><b>Windows only</b> , see <a href="#">Note: on page 235</a> .             |
| SimulatorValidator-FontHeight | 11            | The size of the font used in the simulator and validator user interface.<br><b>Windows only</b> , see <a href="#">Note: on page 235</a> . |
| TabSize                       | 2             | Number of spaces inserted when the TAB key is pressed in a text area. <b>Windows only</b> .                                               |

## Organizer Preferences

### Organizer Pack Preferences

Prefix: Organizer\*Pack. For more information about the pack operation, see “Pack Archive” on page 65 in chapter 2, *The Organizer*.

| Preference Parameter | Default | Affects                                                                                                                                                      |
|----------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TarCommand           | tar     | The command used by the pack archive operation to access the tar utility. On Windows, specify tar.exe to use the gnu version included in the installation.   |
| GzipCommand          | gzip    | The command used by the pack archive operation to access the gzip utility. On Windows, specify gzip.exe to use the gnu version included in the installation. |
| ArchiveSdt           | on      | Decides if a system file adapted for the archive contents should be included.                                                                                |
| OriginalSdt          | off     | Decides if the original system file should be included.                                                                                                      |
| Packages             | on      | Decides if SDL package diagrams should be included.                                                                                                          |
| OtherSDL             | on      | Decides if other SDL diagrams (system, block, process...) should be included.                                                                                |
| MSC                  | on      | Decides if MSC diagrams (MSC, HMSC) should be included.                                                                                                      |
| UML                  | on      | Decides if UML diagrams (object model, state chart, deployment) should be included.                                                                          |
| Chapter              | on      | Decides if chapters should be included.                                                                                                                      |

## Common Telelogic Tau Preferences

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| Preference Parameter | Default | Affects                                                                                                  |
|----------------------|---------|----------------------------------------------------------------------------------------------------------|
| Generic              | off     | Decides if files attached to the Organizer generic symbol should be included.                            |
| SimScript            | off     | Decides if simulator scripts (*.cui and *.com files attached to a plain text symbol) should be included. |
| OtherText            | on      | Decides if other text documents (not simulator scripts) should be included.                              |
| Scu                  | off     | Decides if configuration unit files (*.scu) should be included.                                          |
| Index                | on      | Decides if index files (*.xrf) should be included.                                                       |
| Header               | on      | Decides if header and footer files should be included.                                                   |
| Extensions           | lst     | Files in source or target directory with the extensions specified here (space separated) are included.   |

### Other Organizer Preferences

Prefix: Organizer\*

| Preference Parameter  | Default | Affects                                                                                                                                                 |
|-----------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| AbsolutePath          | off     | If file names should be specified with an absolute directory path or not. See <a href="#">“Set Directories” on page 70 in chapter 2, The Organizer.</a> |
| AllowImplicitTypeConv | off     | The default value for the Analyzer option <a href="#">Allow implicit type conversion.</a>                                                               |

| Preference Parameter | Default                                                                                  | Affects                                                                                                                                                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AllPreferences       | off                                                                                      | If all preferences or if only the “diff” between current Organizer options and Organizer start-up options should be written as options in the system file. See “ <a href="#">Options in the System File</a> ” on page 188 in chapter 2, <i>The Organizer</i> . |
| Areas                | “Analysis Model,Used Files,SDL System Structure,TTCN Test Specification,Other Documents” | The names of the chapters in the Organizer’s drawing area, separated by commas. The default is known as the <i>basic Organizer view</i> .                                                                                                                      |
| ASN1KeywordFileName  | “”                                                                                       | The default value for the Analyzer option <a href="#">ASN.1 keyword substitution file</a> .                                                                                                                                                                    |
| ASN1Suffix           | “.asn”                                                                                   | File name extension used to recognize ASN.1 files.                                                                                                                                                                                                             |
| AutoCMUpdate         | off                                                                                      | If this preference is on, then a configuration update operation will be done each time a system file is loaded in the Organizer. The system file will be updated with *.scu file information.                                                                  |
| AutoSaveBefore       | off                                                                                      | If modified diagrams should be saved on file without user confirmation when selecting any of the commands <a href="#">Analyze</a> , <a href="#">Make</a> , <a href="#">SDL Overview</a> and <a href="#">Convert to PR/MP</a> .                                 |
| BuildScript          | “.bld”                                                                                   | File name extension used for build script files.                                                                                                                                                                                                               |



## Common Telelogic Tau Preferences

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| Preference Parameter | Default                                                   | Affects                                                                                                      |
|----------------------|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Capitalisation       | AsDefined                                                 | The default value for the code generation option <u>Capitalization</u> .                                     |
| ChangeBars           | off                                                       | If change bars should be created when SDL diagrams are edited.                                               |
| ClearLog             | on                                                        | Clear text in Organizer Log before running the Analyzer.                                                     |
| CoderBufferInSDL     | “None”                                                    | The default value for the encoding used for ASN.1 Buffer in SDL (see <u>ASN.1 encode/decode parameter</u> ). |
| CompileAndLink       | on                                                        | The default value for the code generation option <u>Compile &amp; link</u> .                                 |
| DefaultCompiler      | <b>On UNIX:</b><br>gcc<br><b>On Windows:</b><br>Microsoft | The default compiler to be used.                                                                             |
| DefaultSimulator     | “SCTADEBCOM”                                              | The default value for the compile and link option <u>Standard kernel</u> when generating a simulator.        |
| DefaultValidator     | “SCTAVALIDATOR”                                           | The default value for the link option <u>Standard kernel</u> when generating a validator.                    |
| EchoAnalyzerCommands | off                                                       | The default value for the Analyzer option <u>Echo Analyzer commands</u> .                                    |
| ErrorLimit           | 30                                                        | The default value of the Analyze parameter <u>Error limit</u> .                                              |
| ExpandPR             | off                                                       | The value of the Convert to PR option <u>Expand included PR files</u> .                                      |

| Preference Parameter  | Default | Affects                                                                                    |
|-----------------------|---------|--------------------------------------------------------------------------------------------|
| ExpressionLimit       | 0       | The value of the Analyze parameter <u>Log expressions deeper than</u> .                    |
| FileNamePrefix        | ""      | The default value for the code generation option <u>File name prefix</u> .                 |
| FilterCommand         | ""      | <u>Filter command</u> to invoke before Analyzer stages.                                    |
| GenerateASN1Coder     | off     | The default value for the code generation option <u>Generate ASN.1 coder</u> .             |
| GenerateCode          | on      | The default value for the code generation option <u>Analyze &amp; generate code</u> .      |
| GenerateEnvFunctions  | off     | The default value for the code generation option <u>Generate environment functions</u> .   |
| GenerateEnvHeader     | off     | The default value for the code generation option <u>Generate environment header file</u> . |
| GenerateSDLCoder      | off     | The default value for the code generation option <u>Generate SDL coder</u> .               |
| GenerateSignalNumbers | off     | The default value for the code generation option <u>Generate signal number file</u> .      |

## Common Telelogic Tau Preferences

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| Preference Parameter | Default                                                                      | Affects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GenericCommand       | <b>On UNIX:</b><br>“.txt "ls %f”<br><b>In Windows:</b><br>“.txt "notepad %f” | <p>A list of file extensions and the corresponding command to be performed when editing a generic document. See <a href="#">“Generic Document” on page 40 in chapter 2, The Organizer</a>.</p> <p>If used on Windows with full path some extra escape characters must be inserted. As an example to use Microsoft Word as an application for documents with the .doc extension the preference must be set to</p> <p>“.doc "\"C:\\Program Files\\Microsoft Office\\Office10\\WinWord.exe\" %f" "</p> <p>Note that when specifying paths the path delimiter must be entered twice, also if the path contains spaces the path must be enclosed by the \" characters. You can use a list of different file extensions and applications. An example is</p> <p>“.txt "notepad %f"<br/>.fm "c:\\frame\\frame.exe %f"<br/>.doc "\"c:\\path with space\\ww.exe\" %f" "</p> |
| HeaderFileSuffix     | “.h”                                                                         | File name extension used to recognize C/C++ header files.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| IncludeSdtRef        | on                                                                           | Include SDT References when generating code from SDL.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| IDLSuffix            | <b>UNIX only:</b><br>.idl                                                    | File suffix used for IDL files.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

| Preference Parameter        | Default      | Affects                                                                                                                                                                                                                                                              |
|-----------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IgnoreHidden                | on           | Ignore hidden symbols during analyze.                                                                                                                                                                                                                                |
| IncludeOptionalFields       | off          | The default value for the Analyze option <i><u>Include optional fields in make operator.</u></i>                                                                                                                                                                     |
| Kernel                      | “SCTADEBCOM” | The default value for the compile and link option <i><u>Standard kernel.</u></i>                                                                                                                                                                                     |
| LicenseInfo                 | on           | If this preference is on, when failing to get a license during Telelogic Tau start-up, then information about license holders and number of available licenses is presented in the command line window.                                                              |
| LogFilter                   |              | What Analyzer messages are shown in the log window.                                                                                                                                                                                                                  |
| LogNavigationLevel          | Error        | The navigation between messages in the log window.                                                                                                                                                                                                                   |
| MacroExpansion              | off          | The default value for the Analyze option <i><u>Macro expansion.</u></i>                                                                                                                                                                                              |
| MakefileMode                | Generate     | The default value for which option to select from the compile and link options <ul style="list-style-type: none"> <li>• <i><u>Generate makefile</u></i></li> <li>• <i><u>Generate makefile and use template</u></i></li> <li>• <i><u>Use makefile</u></i></li> </ul> |
| MissingAnswerValues-Control | on           | The default value for the Analyze option <i><u>Check missing answer values</u></i>                                                                                                                                                                                   |
| MissingElseControl          | on           | The default value for the Analyze option <i><u>Check missing else answers</u></i>                                                                                                                                                                                    |

## Common Telelogic Tau Preferences

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| Preference Parameter | Default      | Affects                                                                                                                                                                 |
|----------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MoveWindow           | off          | The size and position of the Organizer window when a system file is opened. That is, if the size and position will be the same as when that system file was last saved. |
| OptionalParamControl | on           | The default value for the Analyze option <u>Check optional parameters</u> .                                                                                             |
| OutputControl        | on           | The default value for the Analyze option <u>Check output semantics</u> .                                                                                                |
| PathLineLength       | 0            | How many characters that a file or directory may be, before being split into several lines in the Organizer window. 0 = no limit.                                       |
| PrefixType           | Full         | The default value for the code generation option <u>Prefix</u> .                                                                                                        |
| QBAddExisting        | Hide         | The presence of the <u>Add Existing</u> quick button.                                                                                                                   |
| QBAddNew             | Space & Show | The presence of the <u>Add New</u> quick button.                                                                                                                        |
| QBAalyze             | Space & Show | The presence of the <u>Analyze</u> quick button.                                                                                                                        |
| QBGenerateSim        | Space & Show | The presence of the <u>Simulate</u> quick button.                                                                                                                       |
| QBGenerateVal        | Show         | The presence of the <u>Validate</u> quick button.                                                                                                                       |
| QBGenerateView       | Show         | The presence of the <u>Generate SDL Overview</u> quick button.                                                                                                          |
| QBHelp               | Space & Show | The presence of the <u>Help</u> quick button.                                                                                                                           |

| Preference Parameter | Default      | Affects                                                               |
|----------------------|--------------|-----------------------------------------------------------------------|
| QBlog                | Space & Show | The presence of the <u>Organizer Log</u> quick button.                |
| QBlogAnalyze         | Space & Show | The presence of the Organizer Log <u>Analyze</u> quick button.        |
| QBlogClear           | Show         | The presence of the Organizer Log <u>Clear Log</u> quick button.      |
| QBlogClose           | Space & Show | The presence of the Organizer Log <u>Close</u> quick button.          |
| QBlogErrorHelp       | Show         | The presence of the Organizer Log <u>Help on Error</u> quick button.  |
| QBlogHelp            | Space & Show | The presence of the Organizer Log <u>Help</u> quick button.           |
| QBlogMoveDown        | Space & Show | The presence of the Organizer Move Down quick button.                 |
| QBlogMoveUp          | Show         | The presence of the Organizer Move Up quick button.                   |
| QBlogSave            | Show         | The presence of the Organizer Log <u>Save</u> quick button.           |
| QBlogShowError       | Space & Show | The presence of the Organizer Log <u>Show Error</u> quick button.     |
| QBlogShowOrganizer   | Space & Show | The presence of the Organizer Log <u>Show Organizer</u> quick button. |
| QBMake               | Show         | The presence of the <u>Make</u> quick button.                         |
| QBMoveDown           | Show         | The presence of the <u>Move Down</u> quick button.                    |
| QBMoveUp             | Show         | The presence of the <u>Move Up</u> quick button.                      |
| QBNew                | Hide         | The presence of the <u>New</u> quick button.                          |

## Common Telelogic Tau Preferences

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| Preference Parameter | Default      | Affects                                                                     |
|----------------------|--------------|-----------------------------------------------------------------------------|
| QBOpen               | Show         | The presence of the <u><i>Open</i></u> quick button.                        |
| QBPrint              | Space & Show | The presence of the <u><i>Print</i></u> quick button.                       |
| QBSave               | Show         | The presence of the <u><i>Save</i></u> quick button.                        |
| QBSearch             | Space & Show | The presence of the <u><i>Search</i></u> quick button.                      |
| QBTogglePages        | Show         | The presence of the Show Pages quick button.                                |
| QBXref               | Show         | The presence of the <u><i>Generate Cross References</i></u> quick button.   |
| QBZoomIn             | Show         | The presence of the <u><i>Increase Scale</i></u> quick button.              |
| QBZoomOut            | Space & Show | The presence of the <u><i>Decrease Scale</i></u> quick button.              |
| ReferenceControl     | on           | The default value for Analyze option <u><i>Check references</i></u> .       |
| SDLPRFileSuffix      | .pr          | File suffix used for SDL PR files.                                          |
| SemanticControl      | on           | The default value for Analyze option <u><i>Semantic analysis</i></u> .      |
| Separation           | No           | The default value for the code generation option <u><i>Separation</i></u> . |
| ShowAddExisting      | on           | If an existing document should be opened in an editor when added.           |
| ShowDashed           | on           | The default value for the view option <u><i>Dashed diagrams</i></u> .       |
| ShowDependencies     | on           | The default value for the view option <u><i>Dependency symbols</i></u> .    |

| Preference Parameter | Default | Affects                                                                                   |
|----------------------|---------|-------------------------------------------------------------------------------------------|
| ShowDirectories      | off     | The default value for the view option <u>File directories</u> .                           |
| ShowFileName         | on      | The default value for the view option <u>File names</u> .                                 |
| ShowFooter           | off     | The default value for the view option <u>Footer file</u> .                                |
| ShowGroups           | on      | The default value for the view option <u>CM Groups</u> .                                  |
| ShowHeader           | off     | The default value for the view option <u>Header file</u> .                                |
| ShowInstances        | on      | The default value for the view option <u>Instance diagrams</u> .                          |
| ShowLinkFile         | off     | The default value for the view option <u>Link file</u> .                                  |
| ShowLinks            | on      | The default value for the view option <u>Association symbols</u> .                        |
| ShowLogLevel         | Warning | Under which circumstances the <u>Organizer Log Window</u> should be raised automatically. |
| ShowLongMenus        | on      | The default value for the view options <u>Long</u> / <u>Short</u> .                       |
| ShowPages            | off     | The default value for the view option <u>Page symbols</u> .                               |
| ShowPermissions      | on      | The default value for the view option <u>File access permissions</u> .                    |
| ShowSeparators       | on      | The default value for the view option <u>Separator symbols</u> .                          |
| ShowSource           | on      | The default value for the view option <u>Source directory</u> .                           |



## Common Telelogic Tau Preferences

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| Preference Parameter | Default | Affects                                                                                                   |
|----------------------|---------|-----------------------------------------------------------------------------------------------------------|
| ShowSystemFile       | on      | The default value for the view option <u>System file</u> .                                                |
| ShowTarget           | off     | The default value for the view option <u>Target directory</u> .                                           |
| ShowTypeName         | off     | The default value for the view option <u>Type names</u> .                                                 |
| ShowVirtuality       | on      | The default value for the view option <u>Virtuality</u> .                                                 |
| SourceDirectory      | ""      | The default <u>Source directory</u> when creating a new system.                                           |
| StandardKernel       | on      | The default value for the compile and link option <u>Standard kernel</u> .                                |
| Statusbar            | on      | The default value for the view option <u>Status bar</u> .                                                 |
| SuppressLevel        | 5       | The number of issued identical Organizer messages before they are suppressed in the Organizer Log window. |
| SyntaxControl        | on      | The default value for Analyze option <u>Syntactic analysis</u> .                                          |
| TargetDirectory      | ""      | The default <u>Target directory</u> when creating a new system.                                           |
| TargetLanguage       | Cbasic  | The default value for the code generation option <u>Code generator</u> .                                  |
| TerminateAnalyzer    | off     | The default value for the analysis option <u>Terminate Analyzer when done</u> .                           |
| Toolbar              | on      | The default value for the view option <u>Tool bar</u> .                                                   |

| Preference Parameter | Default | Affects                                                                                                             |
|----------------------|---------|---------------------------------------------------------------------------------------------------------------------|
| TrailingParamControl | on      | The default value for the Analyze option <u>Check trailing parameters</u> .                                         |
| TreeRepresentation   | List    | The default value for the view options <u>Indented list</u> / <u>Vertical tree</u> .                                |
| UpperCase            | off     | The default value of the Convert to PR option <u>Write reserved words in</u> (off means lower case).                |
| UsageControl         | on      | The default value for Analyze option <u>Check unused definitions</u> .                                              |
| UserKernel           | ““      | The default value for the compile and link option <u>Use kernel in directory</u> .                                  |
| UserMakefile         | ““      | The default value for the compile and link option <u>Use makefile</u> .                                             |
| UserTemplate         | ““      | The default value for the compile and link option <u>Generate makefile and use template</u> .                       |
| WelcomeWindow        | on      | If a Welcome window should be displayed at start-up of the Organizer.                                               |
| WordSuffix           | “.doc”  | File name extension used to recognize Microsoft Word files.<br><b>Windows only</b> , see <b>Note: on page 235</b> . |

## Common Telelogic Tau Preferences

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| Preference Parameter | Default | Affects                                                                                                                                                                                               |
|----------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| XCodeGenerator       | "X"     | The name of the code generator that appears last in the option menu <i><u>Code generator</u></i> in the Analyze and generate code options.<br><b>UNIX only</b> , see <b><u>Note: on page 235.</u></b> |
| XRef                 | on      | The default value for Analyze option <i><u>Generate a cross reference file.</u></i>                                                                                                                   |

## Help Viewer Preferences

Prefix: Help\*

| Preference Parameter    | Default     | Affects                                                                                                                                                                                                                                                         |
|-------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HelpDirectory           | “”          | What help root directory to use for on-line help files. Useful if the on-line help files is available on a network server. See “ <a href="#">Configuring the Help Environment</a> ” on page 290 in chapter 4, <i>Managing Preferences</i> for more information. |
| HelpViewer              | Netscape    | The choice of help viewer. “Default Web Browser” (Netscape or Internet Explorer) is the default choice <b>on Windows</b> .                                                                                                                                      |
| NetscapeCommand         | “netscape”  | What command the tools use when starting the help viewer when the preference parameter <i>HelpViewer</i> is specified as Netscape.                                                                                                                              |
| InternetExplorerCommand | “iexplorer” | What command the tools use when starting the help viewer when the preference parameter <i>HelpViewer</i> is specified as Internet Explorer. This is useful on the UNIX platform when the Internet Explorer is not available via your PATH variable.             |

## Preference Manager Preferences

Prefix: Preference\*

| Preference Parameter | Default | Affects                                     |
|----------------------|---------|---------------------------------------------|
| Statusbar            | on      | The presence of a status bar in the window. |
| Toolbar              | on      | The presence of a tool bar in the window.   |

### Print Preferences

Prefix: Print\*

| Preference Parameter     | Default  | Affects                                                                                             |
|--------------------------|----------|-----------------------------------------------------------------------------------------------------|
| BackwardReferences       | on       | Print backward paper page references in diagrams.                                                   |
| BlackAndWhite            | off      | The color used when printing symbols and lines.                                                     |
| DateType                 | ISO      | The date format in printouts.                                                                       |
| DestinationFormat        | PSFile   | The default <i>Format</i> option in the Print dialog.                                               |
| FooterFile               | off      | The default value for the option <i>Footer file</i> in the Print dialog.                            |
| ForwardReferences        | on       | Print forward paper page references in diagrams.                                                    |
| Frame*PaperFormat        | USLetter | The default value for the paper format used when printing to FrameMaker, Interleaf or EPS.          |
| Frame*UserDefined-Width  | 210      | The default value for the paper width when the Frame*PaperFormat preference is set to UserDefined.  |
| Frame*UserDefined-Height | 297      | The default value for the paper height when the Frame*PaperFormat preference is set to UserDefined. |
| Frame*MarginUpper        | 25       | The default value for the upper margin when printing to FrameMaker, Interleaf or EPS.               |
| Frame*MarginLower        | 35       | The default value for the lower margin when printing to FrameMaker, Interleaf or EPS.               |
| Frame*MarginLeft         | 25       | The default value for the left margin when printing to FrameMaker, Interleaf or EPS.                |

| Preference Parameter | Default | Affects                                                                                                                                                                                          |
|----------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frame*MarginRight    | 27      | The default value for the right margin when printing to FrameMaker, Interleaf or EPS                                                                                                             |
| FrameMakerCommand    | “maker” | The default <i>Execute</i> command in the Print dialog when <i>Format</i> is specified as <i>Import into FrameMaker</i> .<br><b>UNIX only</b> , see <b>Note: on page 235</b> .                   |
| HeaderFile           | “”      | The default value for the option <i>Header file</i> in the Print dialog.                                                                                                                         |
| HeaderTextHeight     | 12 (pt) | The size of the font face used in headers and footers.                                                                                                                                           |
| Landscape            | off     | The default value for the option <i>Orientation</i> in the Print dialog (off means landscape).                                                                                                   |
| MarginLeft           | 10 (mm) | The default value for the parameter <i>Left margin</i> in the Print Margins dialog.                                                                                                              |
| MarginLower          | 25 (mm) | The default value for the parameter <i>Lower margin</i> in the Print Margins dialog.                                                                                                             |
| MaxPageReferences    | 20      | Max number of page references at one place.                                                                                                                                                      |
| MarginRight          | 10 (mm) | The default value for the parameter <i>Right margin</i> in the Print Margins dialog.                                                                                                             |
| MarginUpper          | 42 (mm) | The default value for the parameter <i>Upper margin</i> in the Print Margins dialog.                                                                                                             |
| MaxTextLineLength    | 80      | How long a line in a text file can be before it is divided/wrapped, resulting in several lines in the printout. A value of zero means no wrapping. Lines are usually divided at word boundaries. |

## Common Telelogic Tau Preferences

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| Preference Parameter | Default                                                                                      | Affects                                                                                                                |
|----------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| MinimumLineWidth     | 3 (1/10 pt)                                                                                  | The minimum thickness applied on lines in the printout.                                                                |
| OnlyChaptersInTOC    | off                                                                                          | If only chapter symbols, or chapter symbols and diagrams and documents will be visible in the table of contents.       |
| OrganizerView        | on                                                                                           | The default value for the option <i>Organizer View</i> in the Organizer <i>Print</i> dialog.                           |
| PageMarkers          | off                                                                                          | The default value for the option <u>Page markers</u> in the <i>Print</i> dialog.                                       |
| PaperFormat          | A4                                                                                           | The default value for the option <u>Paper format</u> in the <i>Print</i> dialog.                                       |
| Poster               | off                                                                                          | Print header (footer) for each logical page instead of for each physical page.                                         |
| PrintChapter         | on                                                                                           | Print text associated with chapter symbols.                                                                            |
| PrintCollapsed       | on                                                                                           | If collapsed texts from text, comment and text extension symbols are printed in full on a separate page or not.        |
| PrinterCommand       | “lpr -h -r”<br>(In Windows, the lpr command is available in the Telelogic Tau distribution.) | The default <u>Execute</u> command in the Print dialog when <u>Format</u> is specified as <u>One PostScript File</u> . |
| RemoveTempFiles      | on                                                                                           | If temporary files should be removed after printing is done.                                                           |
| Scale                | 100 (%)                                                                                      | The default value for the parameter <u>Scale</u> in the Print dialog.                                                  |
| TableOfContents      | off                                                                                          | The default value for the option <i>Table of Contents</i> in the Organizer <i>Print</i> dialog.                        |

| Preference Parameter | Default  | Affects                                                                                   |
|----------------------|----------|-------------------------------------------------------------------------------------------|
| TextHeight           | 10 (mm)  | The font size used when printing expanded text symbols.                                   |
| ToCShowPages         | off      | The presence of page numbers in generated table of contents.                              |
| UserDefinedHeight    | 297 (mm) | The default value for the parameter <i>User paper height</i> in the Print Margins dialog. |
| UserDefinedWidth     | 210 (mm) | The default value for the parameter <i>User paper width</i> in the Print Margins dialog.  |

## Text Editor Preferences

Prefix: TE\*

| Preference Parameter    | Default   | Affects                                                                              |
|-------------------------|-----------|--------------------------------------------------------------------------------------|
| AlwaysNewWindow         | off       | If a new window should be opened or not when opening a text document.                |
| PrintFontFamily         | “Courier” | The font face used when printing text.                                               |
| ShowLinks               | on        | If endpoints and links should be shown.                                              |
| StateMatrixShowSelected | on        | Decides if processes specified with StateMatrixFilter should be hidden or shown.     |
| StateMatrixSortSignals  | on        | If signals in state matrices should be sorted.                                       |
| StateMatrixSortStates   | on        | If states in state matrices should be sorted.                                        |
| StateMatrixCalls        | off       | If a state matrix with procedure call transition information should be shown or not. |
| StateMatrixFilter       | “”        | Which processes that state matrices will be generated for.                           |
| StateMatrixNextstates   | on        | If a state matrix with nextstate transition information should be shown or not.      |
| StateMatrixOutputs      | off       | If a state matrix with output transition information should be shown or not.         |



## Common Telelogic Tau Preferences

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| Preference Parameter   | Default | Affects                                                                               |
|------------------------|---------|---------------------------------------------------------------------------------------|
| StateMatrixPageNumbers | on      | If a state matrix with page numbers as transition information should be shown or not. |
| Statusbar              | on      | The presence of a status bar in the window.                                           |
| Toolbar                | on      | The presence of a tool bar in the window.                                             |
| TextTemplateDirectory  | ""      | Directory for common text file templates.                                             |

## The SDL Suite Specific Preferences

These preferences are only available for the SDL suite tools.

### SDL Editor Preferences

Prefix: Editor\*

The Beige color used has the RGB values: (255, 249, 242)

| Preference Parameter               | Default | Affects                                                                                                                                                        |
|------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AdditionalHeadingOnlyOn-FirstPage  | off     | If the Additional Heading symbol should be shown only on the first page.                                                                                       |
| AlwaysNewWindow                    | off     | If a new window should be opened or not when opening an SDL diagram. See <a href="#">“Always new Window” on page 1952 in chapter 44, Using the SDL Editor.</a> |
| BlockSubstructureSymbol*Use        | on      | If the symbol should be available in the symbol menu.                                                                                                          |
| BlockSubstructureSymbol*Color      | Black   | The color of the symbol.                                                                                                                                       |
| BlockSubstructureSymbol*Fill-Color | Beige   | The fill color of the symbol.                                                                                                                                  |
| BlockSymbol*Use                    | on      | If the symbol should be available in the symbol menu.                                                                                                          |
| BlockSymbol*Color                  | Black   | The color of the symbol.                                                                                                                                       |
| BlockSymbol*FillColor              | Beige   | The fill color of the symbol.                                                                                                                                  |
| BlockTypeSymbol*Use                | on      | If the symbol should be available in the symbol menu.                                                                                                          |
| BlockTypeSymbol*Color              | Black   | The color of the symbol.                                                                                                                                       |
| BlockTypeSymbol*FillColor          |         | The fill color of the symbol.                                                                                                                                  |
| ChannelSubstructureSymbol*Use      | on      | If the symbol should be available in the symbol menu.                                                                                                          |

## The SDL Suite Specific Preferences

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| Preference Parameter                | Default | Affects                                                                                |
|-------------------------------------|---------|----------------------------------------------------------------------------------------|
| ChannelSubstructureSymbol*Color     | Black   | The color of the symbol.                                                               |
| ChannelSubstructureSymbol*FillColor | Beige   | The fill color of the symbol.                                                          |
| ClassSymbol*Use                     | on      | If the symbol should be available in the symbol menu.                                  |
| ClassSymbol*Color                   | Black   | The color of the symbol.                                                               |
| ClassSymbol*FillColor               | Beige   | The fill color of the symbol.                                                          |
| CommentLeftSymbol*Use               | off     | If the symbol should be available in the symbol menu.                                  |
| CommentLeftSymbol*Color             | Black   | The color of the symbol.                                                               |
| CommentLeftSymbol*FillColor         | Beige   | The fill color of the symbol.                                                          |
| CommentSymbol*Use                   | on      | If the symbol should be available in the symbol menu.                                  |
| CommentSymbol*Color                 | Black   | The color of the symbol.                                                               |
| CommentSymbol*FillColor             | Beige   | The fill color of the symbol.                                                          |
| CompletionMaxPages                  | 10      | The maximum number of initial diagram pages searched by the word completion operation. |
| ConnectorSymbol*Use                 | on      | If the symbol should be available in the symbol menu.                                  |
| ConnectorSymbol*Color               | Black   | The color of the symbol.                                                               |
| ConnectorSymbol*FillColor           | Beige   | The fill color of the symbol.                                                          |
| ContinuousSignalSymbol*Use          | on      | If the symbol should be available in the symbol menu.                                  |
| ContinuousSignalSymbol*Color        | Black   | The color of the symbol.                                                               |
| ContinuousSignalSymbol*FillColor    | White   | The fill color of the symbol.                                                          |
| CreateRequestSymbol*Use             | on      | If the symbol should be available in the symbol menu.                                  |

| Preference Parameter            | Default          | Affects                                                                                                                                                                                                                                                           |
|---------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CreateRequestSymbol*Color       | Black            | The color of the symbol.                                                                                                                                                                                                                                          |
| CreateRequestSymbol*FillColor   | Beige            | The fill color of the symbol.                                                                                                                                                                                                                                     |
| DecisionSymbol*Use              | on               | If the symbol should be available in the symbol menu.                                                                                                                                                                                                             |
| DecisionSymbol*Color            | Black            | The color of the symbol.                                                                                                                                                                                                                                          |
| DecisionSymbol*FillColor        | Beige            | The fill color of the symbol.                                                                                                                                                                                                                                     |
| FontText*ScreenFontFamily       | “Helvetica”      | The font face to use when displaying text on screen.                                                                                                                                                                                                              |
| FontText*PrintFontFamily        | “Helvetica”      | The font face used when printing text.                                                                                                                                                                                                                            |
| FontText*TextSymbolFontFamily   | “Helvetica”      | The font face to use when displaying text in text symbols on screen <b>and</b> in print.                                                                                                                                                                          |
| FontText*TextHeight             | 9 (pt)           | The height of text in symbols (except kernel heading symbols and page name symbols) on flow diagrams, and text symbols and signal list symbols on interaction diagrams.                                                                                           |
| FontText*NameTextHeight         | 12 (pt)          | The height of text in kernel heading symbols, page name symbols and text objects on interaction diagrams (exception from text symbols and signal list symbols). See <a href="#"><u>“Default Font Sizes” on page 1903 in chapter 44, Using the SDL Editor.</u></a> |
| FontText*TaskSymbolLeftAligned  | off              | If the text in the task, procedure call, macro call, create request and save symbol should be left aligned.                                                                                                                                                       |
| FontText*MinimumTextUpdateDelay | 0 (milliseconds) | The minimum time delay to update text in symbols.                                                                                                                                                                                                                 |

## The SDL Suite Specific Preferences

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| Preference Parameter                  | Default | Affects                                                                              |
|---------------------------------------|---------|--------------------------------------------------------------------------------------|
| FontText*BlinkingTextCursor           | on      | If the text cursor (vertical bar) should blink in the drawing area.                  |
| GateSymbol*Use                        | on      | If the symbol should be available in the symbol menu.                                |
| GateSymbol*Color                      | Black   | The color of the symbol.                                                             |
| GlobalSymbolColor*Color               | Black   | The color of all symbols                                                             |
| GlobalSymbolColor*UseGlobal-Color     | off     | If the color for all symbols should be used.                                         |
| GlobalSymbolColor*FillColor           | White   | The fill color of all symbols.                                                       |
| GlobalSymbolColor*UseGlobal-FillColor | off     | If the fill color for all symbols should be used.                                    |
| GrammarHelp                           | off     | If the Grammar Help window is to be opened automatically at start-up.                |
| InputLeftSymbol*Use                   | off     | If the symbol should be displayed left-oriented or not.                              |
| InputLeftSymbol*Color                 | Black   | The color of the symbol.                                                             |
| InputLeftSymbol*FillColor             | Beige   | The fill color of the symbol.                                                        |
| InputSymbol*Use                       | on      | If the symbol should be available in the symbol menu.                                |
| InputSymbol*Color                     | Black   | The color of the symbol.                                                             |
| InputSymbol*FillColor                 | Beige   | The fill color of the symbol.                                                        |
| InteractionPage*GridHeight            | 5 (mm)  | The vertical grid on interaction pages.                                              |
| InteractionPage*GridWidth             | 5 (mm)  | The horizontal grid on interaction pages.                                            |
| InteractionPage*MarginLeft            | 15 (mm) | The distance between the <u>The Frame</u> and the left boundary of the drawing area. |

| Preference Parameter         | Default | Affects                                                                                                                                          |
|------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| InteractionPage*MarginLower  | 15 (mm) | The distance between the <u>The Frame</u> and the lower boundary of the drawing area.                                                            |
| InteractionPage*MarginRight  | 15 (mm) | The distance between the <u>The Frame</u> and the right boundary of the drawing area.                                                            |
| InteractionPage*MarginUpper  | 15 (mm) | The distance between the <u>The Frame</u> and the upper boundary of the drawing area.                                                            |
| InteractionPage*SymbolHeight | 20 (mm) | The default height of symbols on interaction diagrams.                                                                                           |
| InteractionPage*SymbolWidth  | 30 (mm) | The default width of symbols on interaction diagrams.                                                                                            |
| MacroCallSymbol*Use          | on      | If the symbol should be available in the symbol menu.                                                                                            |
| MacroCallSymbol*Color        | Black   | The color of the symbol.                                                                                                                         |
| MacroCallSymbol*FillColor    | Beige   | The fill color of the symbol.                                                                                                                    |
| MacroInletSymbol*Use         | on      | If the symbol should be available in the symbol menu.                                                                                            |
| MacroInletSymbol*Color       | Black   | The color of the symbol.                                                                                                                         |
| MacroInletSymbol*FillColor   | Beige   | The fill color of the symbol.                                                                                                                    |
| MacroOutletSymbol*Use        | on      | If the symbol should be available in the symbol menu.                                                                                            |
| MacroOutletSymbol*Color      | Black   | The color of the symbol.                                                                                                                         |
| MacroOutletSymbol*FillColor  | Beige   | The fill color of the symbol.                                                                                                                    |
| OperatorSymbol*Use           | on      | If the <u>Operator reference</u> symbol should be available or not in the symbol menu. (The symbol is an SDL suite specific extension to Z.100.) |
| OperatorSymbol*Color         | Black   | The color of the symbol.                                                                                                                         |

## The SDL Suite Specific Preferences

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| Preference Parameter              | Default  | Affects                                                                                                                                                 |
|-----------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| OperatorSymbol*FillColor          | Beige    | The fill color of the symbol.                                                                                                                           |
| OutputLeftSymbol*Use              | off      | If the symbol should be displayed left-oriented or not.                                                                                                 |
| OutputLeftSymbol*Color            | Black    | The color of the symbol.                                                                                                                                |
| OutputLeftSymbol*FillColor        | Beige    | The fill color of the symbol.                                                                                                                           |
| OutputSymbol*Use                  | on       | If the symbol should be available in the symbol menu.                                                                                                   |
| OutputSymbol*Color                | Black    | The color of the symbol.                                                                                                                                |
| OutputSymbol*FillColor            | Beige    | The fill color of the symbol.                                                                                                                           |
| Page*AutoNumber                   | on       | If added SDL pages should be autonumbered (1, 2,... N). See <a href="#">“The Autonumbered Option” on page 1970 in chapter 44, Using the SDL Editor.</a> |
| Page*Height                       | 230 (mm) | The height of a new page.                                                                                                                               |
| Page*Width                        | 190 (mm) | The width of a new page.                                                                                                                                |
| PrintZ100Symbols                  | off      | Printing SDL symbols with an appearance that complies to Z.100.                                                                                         |
| PriorityInputLeftSymbol*Use       | off      | If the symbol should be displayed left-oriented or not.                                                                                                 |
| PriorityInputLeftSymbol*Color     | Black    | The color of the symbol.                                                                                                                                |
| PriorityInputLeftSymbol*FillColor | Beige    | The fill color of the symbol.                                                                                                                           |
| PriorityInputSymbol*Use           | on       | If the symbol should be available in the symbol menu.                                                                                                   |
| PriorityInputSymbol*Color         | Black    | The color of the symbol.                                                                                                                                |
| PriorityInputSymbol*FillColor     | Beige    | The fill color of the symbol.                                                                                                                           |
| ProcedureCallSymbol*Use           | on       | If the symbol should be available in the symbol menu.                                                                                                   |

| Preference Parameter            | Default | Affects                                                                               |
|---------------------------------|---------|---------------------------------------------------------------------------------------|
| ProcedureCallSymbol*Color       | Black   | The color of the symbol.                                                              |
| ProcedureCallSymbol*FillColor   | Beige   | The fill color of the symbol.                                                         |
| ProcedureReturnSymbol*Use       | on      | If the symbol should be available in the symbol menu.                                 |
| ProcedureReturnSymbol*Color     | Black   | The color of the symbol.                                                              |
| ProcedureReturnSymbol*FillColor | Beige   | The fill color of the symbol.                                                         |
| ProcedureStartSymbol*Use        | on      | If the symbol should be available in the symbol menu.                                 |
| ProcedureStartSymbol*Color      | Black   | The color of the symbol.                                                              |
| ProcedureStartSymbol*FillColor  | Beige   | The fill color of the symbol.                                                         |
| ProcedureSymbol*Use             | on      | If the symbol should be available in the symbol menu.                                 |
| ProcedureSymbol*Color           | Black   | The color of the symbol.                                                              |
| ProcedureSymbol*FillColor       | Beige   | The fill color of the symbol.                                                         |
| ProcessPage*GridHeight          | 5 (mm)  | The vertical grid on flow diagrams.                                                   |
| ProcessPage*GridWidth           | 5 (mm)  | The horizontal grid on flow diagrams.                                                 |
| ProcessPage*MarginLeft          | 0 (mm)  | The distance between the <u>The Frame</u> and the left boundary of the drawing area.  |
| ProcessPage*MarginLower         | 0 (mm)  | The distance between the <u>The Frame</u> and the lower boundary of the drawing area. |
| ProcessPage*MarginRight         | 0 (mm)  | The distance between the <u>The Frame</u> and the right boundary of the drawing area. |
| ProcessPage*MarginUpper         | 0 (mm)  | The distance between the <u>The Frame</u> and the upper boundary of the drawing area. |



## The SDL Suite Specific Preferences

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| Preference Parameter        | Default | Affects                                                                                          |
|-----------------------------|---------|--------------------------------------------------------------------------------------------------|
| ProcessPage*SymbolHeight    | 10 (mm) | The default height for symbols on flow pages. (The width / height relationship is fixed to 2:1.) |
| ProcessSymbol*Use           | on      | If the symbol should be available in the symbol menu.                                            |
| ProcessSymbol*Color         | Black   | The color of the symbol.                                                                         |
| ProcessSymbol*FillColor     | Beige   | The fill color of the symbol.                                                                    |
| ProcessTypeSymbol*Use       | on      | If the symbol should be available in the symbol menu.                                            |
| ProcessTypeSymbol*Color     | Black   | The color of the symbol.                                                                         |
| ProcessTypeSymbol*FillColor | Beige   | The fill color of the symbol.                                                                    |
| SaveSymbol*Use              | on      | If the symbol should be available in the symbol menu.                                            |
| SaveSymbol*Color            | Black   | The color of the symbol.                                                                         |
| SaveSymbol*FillColor        | Beige   | The fill color of the symbol.                                                                    |
| SDLTraceColor               | yellow  | The temporary background color to use for visited SDL symbols during SDL trace.                  |
| Scale                       | 100 (%) | The scale when displaying a diagram on screen.                                                   |
| ScreenZ100Symbols           | off     | Displaying SDL symbols on screen with an appearance that complies to Z.100.                      |
| ServiceSymbol*Use           | on      | If the symbol should be available in the symbol menu.                                            |
| ServiceSymbol*Color         | Black   | The color of the symbol.                                                                         |
| ServiceSymbol*FillColor     | Beige   | The fill color of the symbol.                                                                    |
| ServiceTypeSymbol*Use       | on      | If the symbol should be available in the symbol menu.                                            |

| Preference Parameter        | Default | Affects                                                                                    |
|-----------------------------|---------|--------------------------------------------------------------------------------------------|
| ServiceTypeSymbol*Color     | Black   | The color of the symbol.                                                                   |
| ServiceTypeSymbol*FillColor | Beige   | The fill color of the symbol.                                                              |
| ShowGrid                    | off     | If grid points should be shown on screen.                                                  |
| ShowLinks                   | on      | If endpoints and links should be shown.                                                    |
| ShowPageBreaks              | on      | If printer page breaks should be visible or not on the screen.                             |
| ShowSignalDeclaration       | on      | If the signal declaration should be shown in the message area for a selected signal name.  |
| SignalDictionary*Use        | off     | If a Signal Dictionary window should be opened automatically upon start of the SDL Editor. |
| SignalDictionary*All        | off     | If the Signal Dictionary option All should be enabled by default.                          |
| SignalDictionary*Down       | on      | If the Signal Dictionary option Down should be enabled by default.                         |
| SignalDictionary*External   | off     | If the Signal Dictionary option External should be enabled by default.                     |
| SignalDictionary*MSC        | off     | If the Signal Dictionary option MSC should be enabled by default.                          |
| SignalDictionary*This       | off     | If the Signal Dictionary option This should be enabled by default.                         |
| SignalDictionary*Up         | on      | If the Signal Dictionary option Up should be enabled by default.                           |
| StartSymbol*Use             | on      | If the symbol should be available in the symbol menu.                                      |

## The SDL Suite Specific Preferences

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| Preference Parameter       | Default | Affects                                                                                 |
|----------------------------|---------|-----------------------------------------------------------------------------------------|
| StartSymbol*Color          | Black   | The color of the symbol.                                                                |
| StartSymbol*FillColor      | Beige   | The fill color of the symbol.                                                           |
| StateSymbol*Use            | on      | If the symbol should be available in the symbol menu.                                   |
| StateSymbol*Color          | Black   | The color of the symbol.                                                                |
| StateSymbol*FillColor      | Beige   | The fill color of the symbol.                                                           |
| Statusbar                  | on      | The presence of a status bar in the SDL Editor window.                                  |
| StopSymbol*Use             | on      | If the symbol should be available in the symbol menu.                                   |
| StopSymbol*Color           | Black   | The color of the symbol.                                                                |
| StopSymbol*FillColor       | White   | The fill color of the symbol.                                                           |
| SymbolMenu                 | on      | The presence of a symbol menu in the SDL Editor window.                                 |
| SyntaxCheck                | on      | Enables or disables the syntactic checking performed by the SDL Editor at editing time. |
| SystemTypeSymbol*Use       | on      | If the symbol should be available in the symbol menu.                                   |
| SystemTypeSymbol*Color     | Black   | The color of the symbol.                                                                |
| SystemTypeSymbol*FillColor | Beige   | The fill color of the symbol.                                                           |
| TabEqualsCompletion        | on      | If the tab key invokes word completion or produces a tab character.                     |
| TaskSymbol*Use             | on      | If the symbol should be available in the symbol menu.                                   |
| TaskSymbol*Color           | Black   | The color of the symbol.                                                                |
| TaskSymbol*FillColor       | Beige   | The fill color of the symbol.                                                           |

| Preference Parameter               | Default   | Affects                                                                                |
|------------------------------------|-----------|----------------------------------------------------------------------------------------|
| TemplateFile                       | “sdt.tpl” | The name of the file containing the grammar templates used by the Grammar Help window. |
| TextExtensionLeftSymbol*Use        | off       | If the flipped text extension symbol should be available in the symbol menu.           |
| TextExtensionLeftSymbol*Color      | Black     | The color of the flipped text extension symbol.                                        |
| TextExtensionLeftSymbol*Fill-Color | Beige     | The fill color of the flipped text extension symbol.                                   |
| TextExtensionSymbol*Use            | on        | If the symbol should be available in the symbol menu.                                  |
| TextExtensionSymbol*Color          | Black     | The color of the symbol.                                                               |
| TextExtensionSymbol*FillColor      | Beige     | The fill color of the symbol.                                                          |
| TextReferenceSymbol*Use            | on        | If the symbol should be available in the symbol menu.                                  |
| TextReferenceSymbol*Color          | Black     | The color of the symbol.                                                               |
| TextReferenceSymbol*FillColor      | Beige     | The fill color of the symbol.                                                          |
| TextSymbol*Use                     | on        | If the symbol should be available in the symbol menu.                                  |
| TextSymbol*Color                   | Black     | The color of the symbol.                                                               |
| TextSymbol*FillColor               | Beige     | The fill color of the symbol.                                                          |
| TextWindow                         | on        | The presence of a text window in the SDL Editor window.                                |
| TextualSyntaxCheck                 | on        | Textual syntax check in symbols.                                                       |
| TidyUp*MaxCommentLine-Length       | 22        | Maximum number of characters per line in comment symbols after tidy up                 |
| TidyUp*TransNewPage                | on        | Start each transition on a new page                                                    |

## The SDL Suite Specific Preferences

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| Preference Parameter         | Default | Affects                                                                                                                                                                                                                                       |
|------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TidyUp*ExtraSpace            | on      | Insert extra space after a symbol attached to a large comment or text extension, to avoid overlapping any comment or text extension attached to the next symbol.                                                                              |
| TidyUp*FormatInputOutput     | on      | Format text in input and output symbols using newline characters and text extension symbols, to try to avoid text outside the symbol.                                                                                                         |
| TidyUp*MakeCommentSymbols    | on      | Replace textual comments with comment symbols.                                                                                                                                                                                                |
| TidyUp*CommentsLeft          | on      | Place comment symbols to the left of the symbols that they are attached to.                                                                                                                                                                   |
| TidyUp*SmartAutoLabels       | on      | Generate automatic names for all labels. The names are generated from the closest available state-name. If the preference is off the names for the already existing labels will be preserved and new generated labels will have names LblNNN. |
| TidyUp*NoStateExtension      | on      | Avoid attaching text extension symbols to state symbols.                                                                                                                                                                                      |
| TidyUp*NoDecisionExtension   | on      | Avoid attaching text extension symbols to decision symbols.                                                                                                                                                                                   |
| TidyUp*SortStates            | off     | Sort states and transitions in alphabetical order.                                                                                                                                                                                            |
| Toolbar                      | on      | The presence of a tool bar in the SDL Editor window.                                                                                                                                                                                          |
| TransitionOptionSymbol*Use   | on      | If the symbol should be available in the symbol menu.                                                                                                                                                                                         |
| TransitionOptionSymbol*Color | Black   | The color of the symbol.                                                                                                                                                                                                                      |

| Preference Parameter             | Default | Affects                       |
|----------------------------------|---------|-------------------------------|
| TransitionOptionSymbol*FillColor | Beige   | The fill color of the symbol. |

### OM/SC/HMSC/MSC/DP Editor Preferences

Prefix: OME\*

| Preference Parameter      | Default          | Affects                                                                                                                                                    |
|---------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AlwaysEndpointClass       | on               | If an endpoint should be automatically added on new class symbols.                                                                                         |
| AlwaysEndpointObject      | off              | If an endpoint should be automatically added on a new object symbol.                                                                                       |
| AlwaysNewWindow           | off              | If a new window should be opened or not when opening a diagram. See <a href="#">“Always new Window” on page 1633 in chapter 40, Using Diagram Editors.</a> |
| AutoNumberPages           | on               | If added pages should be autonumbered (1, 2,... N). See <a href="#">“Autonumbered” on page 1637 in chapter 40, Using Diagram Editors.</a>                  |
| BlinkingTextCursor        | on               | If the text cursor (vertical bar) should blink in the drawing area.                                                                                        |
| DPComponentSymbolColor    | Black            | The color of the symbol.                                                                                                                                   |
| DPNodeSymbolColor         | Black            | The color of the symbol.                                                                                                                                   |
| DPObjectSymbolColor       | Black            | The color of the symbol.                                                                                                                                   |
| DPThreadSymbolColor       | Black            | The color of the symbol.                                                                                                                                   |
| HMSCConditionSymbolColor  | Black            | The color of the symbol.                                                                                                                                   |
| HMSCConnectionSymbolColor | Black            | The color of the symbol.                                                                                                                                   |
| HMSCReferenceSymbolColor  | Black            | The color of the symbol.                                                                                                                                   |
| HMSCStartSymbolColor      | Black            | The color of the symbol.                                                                                                                                   |
| HMSCStopSymbolColor       | Black            | The color of the symbol.                                                                                                                                   |
| MinimumTextUpdateDelay    | 0 (milliseconds) | The minimum time delay to update text in symbols.                                                                                                          |

| Preference Parameter    | Default     | Affects                                                                                                                                                            |
|-------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MSCHorizontalSpacing    | 25 (mm)     | The horizontal spacing unit between instances. See “ <a href="#">Spacing</a> ” on <a href="#">page 1633</a> in <a href="#">chapter 40, Using Diagram Editors</a> . |
| MSCInstanceRuler        | on          | The presence of an <a href="#">Instance Ruler</a> in the MSC Editor window.                                                                                        |
| MSCPrintInstanceRuler   | on          | If an <a href="#">Instance Ruler</a> should be included on the printed pages.                                                                                      |
| MSCVerticalSpacing      | 3 (mm)      | The vertical spacing unit between instances. See “ <a href="#">Spacing</a> ” on <a href="#">page 1633</a> in <a href="#">chapter 40, Using Diagram Editors</a> .   |
| NameTextHeight          | 12 (pt)     | The height of text in names of symbols.                                                                                                                            |
| OMClassSymbolColor      | Black       | The color of the symbol.                                                                                                                                           |
| OMObjectSymbolColor     | Black       | The color of the symbol.                                                                                                                                           |
| PageHeight              | 230 (mm)    | The height of a new page.                                                                                                                                          |
| PageWidth               | 190 (mm)    | The width of a new page.                                                                                                                                           |
| PrintFontFamily         | “Helvetica” | The font face used when printing text.                                                                                                                             |
| Scale                   | 100 (%)     | The scale when displaying a diagram on screen.                                                                                                                     |
| ScreenFontFamily        | “Helvetica” | The font face to use when displaying text on screen.                                                                                                               |
| SCStartSymbolColor      | Black       | The color of the symbol.                                                                                                                                           |
| SCStateSymbolColor      | Black       | The color of the symbol.                                                                                                                                           |
| SCStopSymbolColor       | Black       | The color of the symbol.                                                                                                                                           |
| ShowGrid                | off         | If grid points should be shown on screen.                                                                                                                          |
| ShowInstanceComposition | on          | If the Instance decomposition should be displayed.                                                                                                                 |



## The SDL Suite Specific Preferences

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| Preference Parameter  | Default | Affects                                                                                                                        |
|-----------------------|---------|--------------------------------------------------------------------------------------------------------------------------------|
| ShowInstanceKind      | on      | If the Instance kind should be displayed.                                                                                      |
| ShowInstanceName      | on      | If the Instance name should be displayed.                                                                                      |
| ShowLinks             | on      | If endpoints and links should be shown.                                                                                        |
| ShowMessageName       | on      | If the Message name should be displayed.                                                                                       |
| ShowMessageParameters | on      | If the Message parameters should be displayed.                                                                                 |
| ShowPageBreaks        | on      | If printer page breaks should be visible or not on the screen.                                                                 |
| Statusbar             | on      | The presence of a status bar in the editor window.                                                                             |
| SymbolMenu            | on      | The presence of a symbol menu in the editor window.                                                                            |
| TextHeight            | 9 (pt)  | The height of text in symbols (except heading symbols and page name symbols) and line attributes, except for names of symbols. |
| TextSymbolColor       | Black   | The color of the symbol.                                                                                                       |
| TextWindow            | on      | The presence of a text window in the editor window.                                                                            |
| Toolbar               | on      | The presence of a tool bar in the editor window.                                                                               |

## Index Viewer Preferences

Prefix: Index\*

| Preference Parameter | Default  | Affects                                                                                                                                                        |
|----------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FilterTypes          | ""       | Which SDL entities to be hidden by default in the <i>Filter Types</i> dialog. The entities should be entered as a number of text strings, separated by spaces. |
| FilterDiagrams       | ""       | Which SDL entities that will be visible.                                                                                                                       |
| FilterUses           | ""       | Which kind of entity use that will be visible.                                                                                                                 |
| IndexAppearance      | Detailed | The layout of SDL entity information. The alternatives are Compact, VerticalCompact, HorizontalDetailed and Detailed.                                          |
| NameFirst            | on       | If entities will be sorted by name or by type and name.                                                                                                        |
| ShowSelectedDiagrams | on       | If diagrams specified with <i>FilterDiagrams</i> should be shown or hidden.                                                                                    |
| ShowSelectedTypes    | on       | If types specified with <i>FilterTypes</i> should be shown or hidden.                                                                                          |
| ShowSelectedUses     | on       | If uses specified with <i>FilterUses</i> should be shown or hidden.                                                                                            |
| Statusbar            | on       | The presence of a status bar in the window.                                                                                                                    |
| Toolbar              | on       | The presence of a tool bar in the window.                                                                                                                      |

## Type Viewer Preferences

Prefix: Type\*

| Preference Parameter | Default | Affects                                                                                       |
|----------------------|---------|-----------------------------------------------------------------------------------------------|
| ShowInstanceSymbols  | on      | The default value for the <i>Instance symbols</i> option defined in the <i>List Options</i> . |
| ShowNameText         | on      | The default value for the <i>Name</i> option defined in the <i>Symbol Options</i> .           |

## The SDL Suite Specific Preferences

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| Preference Parameter | Default | Affects                                                                                         |
|----------------------|---------|-------------------------------------------------------------------------------------------------|
| ShowQualifierText    | off     | The default value for the <i>Qualifier</i> option defined in the <u><i>Symbol Options</i></u> . |
| ShowTypeText         | on      | The default value for the <i>Type</i> option defined in the <u><i>Symbol Options</i></u> .      |
| Statusbar            | on      | The presence of a status bar in the window.                                                     |
| Toolbar              | on      | The presence of a tool bar in the window.                                                       |

## Coverage Viewer Preferences

Prefix: Cover\*

| Preference Parameter | Default      | Affects                                                                                                                                                              |
|----------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AboveThreshold       | on           | Which option to select by default between <u><i>Show symbols executed &gt;= threshold</i></u> and <u><i>Show symbols executed &lt;= threshold</i></u> (on means >=). |
| FillSymbols          | on           | Whether to fill symbols or not when displaying a coverage tree.                                                                                                      |
| LogThickness         | off          | Which option to select by default between <u><i>Normal line thickness</i></u> and <u><i>Logarithmic line thickness</i></u> (off means normal).                       |
| MaxLineThickness     | 60 (1/10 mm) | The default value for the parameter <u><i>Max line thickness</i></u> .                                                                                               |
| ShowTransitions      | on           | Which option to select by default between <u><i>Transition Coverage</i></u> and <u><i>Symbol Coverage</i></u> (on means transition).                                 |
| ShowVisibilityLine   | on           | Which option to select by default between <u><i>Show visibility line</i></u> and <u><i>Hide Visibility line</i></u> (on means show).                                 |
| Statusbar            | on           | The presence of a status bar in the window.                                                                                                                          |
| Toolbar              | on           | The presence of a tool bar in the window.                                                                                                                            |

| Preference Parameter | Default | Affects                                                |
|----------------------|---------|--------------------------------------------------------|
| VisibilityThreshold  | 0       | The default value for the parameter <u>Threshold</u> . |

## SDL Overview Generator Preferences

Prefix: Overview\*

| Preference Parameter   | Default     | Affects                                                                                                                               |
|------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------|
| DistanceBetweenLines   | 3 (mm)      | The default value for the option <u>Distance between Lines</u> .                                                                      |
| DistanceBetweenSymbols | 10 (mm)     | The default value for the option <u>Distance between Symbols</u> .                                                                    |
| ExpandedDiagramsOnly   | on          | The default value for the option <u>Use Expanded Diagrams Only</u> .                                                                  |
| IncludeLines           | on          | The default value for the option <u>Include Lines</u> .                                                                               |
| IncludeProcedures      | off         | The default value for the option <u>Include Procedures &amp; Operators</u> .                                                          |
| IncludeStates          | off         | The default value for the option <u>Include States</u> .                                                                              |
| Margin                 | 10 (mm)     | The default value for the parameter <u>Margin</u> .                                                                                   |
| MinimumSymbolHeight    | 10          | The default value for the option <u>Minimum Symbol Height</u> .                                                                       |
| MinimumSymbolLength    | 20          | The default value for the option <u>Minimum Symbol Width</u> .                                                                        |
| NameTextHeight         | 10 (pt)     | The size of textual elements in Overview diagrams. See “Default Font Sizes” on page 1903 in chapter 44, <u>Using the SDL Editor</u> . |
| PrintFontFamily        | “Helvetica” | The font face used when printing text.                                                                                                |

## The SDL Suite Specific Preferences

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| Preference Parameter | Default     | Affects                                                                                                                               |
|----------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------|
| ScreenFontFamily     | “Helvetica” | The font face to use when displaying text on screen.                                                                                  |
| ShowLineNames        | on          | The default value for the SDL Editor option <i>Show line names</i> .                                                                  |
| ShowSignallists      | off         | The default value for the SDL Editor option <i>Show signal lists</i> .                                                                |
| TextHeight           | 8 (pt)      | The size of textual elements in Overview diagrams. See “Default Font Sizes” on page 1903 in chapter 44, <i>Using the SDL Editor</i> . |

## Simulator GUI Preferences

Prefix: SGUI\*

| Preference Parameter   | Default    | Affects                                                                                                                                                                                                                               |
|------------------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ButtonFileName         | “def.btns” | What file containing <i>Button definitions</i> to load by default.                                                                                                                                                                    |
| CommandFileName        | “def.cmds” | What file containing <i>Command definitions</i> to load by default.                                                                                                                                                                   |
| FailOnUnexpectedSignal | off        | Makes the line “unexpected” appear in the “command statistics” when running Simulator test scripts.<br>If this preference is set and an unexpected signal is detected before the current signal is checked, then it will be reported. |
| WatchFileName          | “def.vars” | What file containing <i>Variable definitions</i> to load by default.                                                                                                                                                                  |
| MaxOutputToRetries     | 50         | Maximum number of retries of next-transition and output-to, when output-to fails during simulator script execution.                                                                                                                   |
| TextBufferLimit        | 10000      | Maximum number of characters in the simulator UI text log. A value of 0 means “no limit”.                                                                                                                                             |

## Validator GUI Preferences

Prefix: VGUI\*

| Preference Parameter | Default        | Affects                                                                     |
|----------------------|----------------|-----------------------------------------------------------------------------|
| ButtonFileName       | “val_def.btns” | What file containing <u><i>Button definitions</i></u> to load by default.   |
| CommandFileName      | “val_def.cmds” | What file containing <u><i>Command definitions</i></u> to load by default.  |
| WatchFileName        | “val_def.vars” | What file containing <u><i>Variable definitions</i></u> to load by default. |