

Parallels[®] Plesk Sitebuilder

Developer's Guide

Plesk Sitebuilder Custom Skins

Plesk Sitebuilder 4.5 for Windows

Copyright Notice

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Preface

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About This Guide

This document is a guide to creating and installing custom interface appearance styles for Plesk Sitebuilder.

Who Should Read This Guide

The primary audience for this guidance is web-designers and developers, who want to create new Sitebuilder appearances. The reader should have a strong knowledge of Cascading Style Sheets (CSS) and Hypertext Markup Language (HTML).

Typographical Conventions

The following kinds of formatting in the text identify special information.

Formatting convention	Type of Information	Example
Special Bold	Items you must select, such as menu options, command buttons, or items in a list.	Go to the QoS tab.
	Titles of chapters, sections, and subsections.	Read the Basic Administration chapter.

<i>Italics</i>	Used to emphasize the importance of a point, to introduce a term or to designate a command line placeholder, which is to be replaced with a real name or value.	<i>Up level</i> link.
Monospace	The names of style sheet selectors, files and directories, and CSS fragments. Titles of chapters, sections, and subsections.	You can customize them by replacing the following files: Images\over_design.gif.
Preformatted	On-screen computer output in your command-line sessions; source code in XML, C++, or other programming languages.	<pre>.sb-preloader-iframe { width: 320px; height: 56px; }</pre>
Preformatted Bold	What you type, contrasted with on-screen computer output.	> cd c:/sitebuilder

Feedback

If you have found a mistake in this guide, or if you have suggestions or ideas on how to improve this guide, please send your feedback using the online form at <http://www.parallels.com/en/support/usersdoc/>. Please include in your report the guide's title, chapter and section titles, and the fragment of text in which you have found an error.

Skins Overview

This chapter explains what is a skin, and what files define a skin.

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What Is a Skin?

In Plesk Sitebuilder, a skin is in fact a set of CSS, `.skin` and image files. The CSS and skin files define the style of the Plesk Sitebuilder interface elements; the image files are the Plesk Sitebuilder interface icons, logotype images and other pictures used in CSS and `.skin` files. All these files placed in corresponding sub-directories compose the structure of the skin directory.

Skins are an easy and flexible way to diversify your user interface appearance. Using skins, you can change the colors of the interface areas, set new fonts properties, use different images for icons in the interface, etc. It takes only a few clicks to replace one skin with another. Different skins can be used by different users at one server.

Files That Compose Skin

Each skin directory contains the sub-directories and files described below.

CSS file:

- **style.css**

The `style.css` file contains style settings common for all the interface elements.

Each interface area has the following `.skin` files describing its appearance:

- **Form.skin**

The `Form.skin` file contains settings that define the appearance of forms.

- **GridView.skin**

The `GridView.skin` file contains settings that define the appearance grids.

- **HyperLink.skin**

The `HyperLink.skin` file contains settings that define the appearance of hyperlinks.

- **IconButton.skin**

The `IconButton.skin` file contains settings that define the appearance of clickable icons.

- **Image.skin**

The `Image.skin` file contains settings that define the appearance of images.

- **ImageButton.skin, SBImageButton.skin**

The `ImageButton.skin` and `SBImageButton.skin` files contain settings that define the appearance of clickable images.

- **ImagePreviewItem.skin**

The `ImagePreviewItem.skin` file contains settings that define the appearance of preview images.

- **InputControls.skin**

The `InputControls.skin` file contains settings that define the appearance of user input controls.

- **Label.skin**

The `Label.skin` file contains settings that define the appearance of labels.

- **LinkButton.skin**

The `LinkButton.skin` file contains settings that define the appearance of control hyperlinks.

- **LoginControls.skin**

The `LoginControls.skin` file contains settings that define the appearance of login elements.

- **Pager.skin**

The `Pager.skin` file contains settings that define the appearance of page navigation elements.

- **Panel.skin, SBPanel.skin**

The `Panel.skin` and `SBPanel.skin` files contain settings that define the appearance of modal box panel elements.

- **Preloader.skin**

The `Preloader.skin` file contains settings that define the appearance of preloader elements.

- **ProgressBar.skin**

The `ProgressBar.skin` file contains settings that define the appearance of progress bar.

- **RadComboBox.skin**

The `RadComboBox.skin` file contains settings that define the appearance of `RadComboBox` elements.

- **RadEditor.skin**

The `RadEditor.skin` file contains settings that define the appearance of `RadEditor` elements.

- **RadTabStrip.skin**

The `RadTabStrip.skin` file contains settings that define the appearance of `RadTabStrip` elements.

- **RadTreeView.skin**

The `RadTreeView.skin` file contains settings that define the appearance of `RadTreeView` elements.

- **RepeaterTable.skin**

The `RepeaterTable.skin` file contains settings that define the appearance of table rows.

- **SiteMapPath.skin**

The `SiteMapPath.skin` file contains style settings that define the appearance of `SiteMap` path elements.

- **StatusBar.skin**

The `StatusBar.skin` file contains settings that define the appearance of status bar.

- **Table.skin**

The `Table.skin` file contains settings that define the appearance of tables.

- **ValidationController.skin**

The `ValidationController.skin` file contains settings that define the appearance of `ValidationController` elements.

- **Validators.skin**

The `Validators.skin` file contains settings that define the appearance of `Validators` elements.

Metadata file:

- **info.xml**

The `info.xml` file contains general information about a skin.

Image files:

Image files are stored in the following directories:

- `Icons\` contains image files required for the user interface (state/status icons, list operations, etc.)
- `Images\` contains image files specific for a certain skin and used for customizing its elements. The set of these images can be individual for every skin. The links to these images are specified in the CSS files.

Creating Skin

This chapter provides instructions on how to compose a new skin and prepare a skin package for installing on the Plesk Sitebuilder server.

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Creating Skin Directory

First of all, create a skin directory with structure described in the **Files That Compose Skin** (on page 7) section.

In order to speed up and simplify the creation of the skin directory, you can use an existing skin (one of the default ones) installed on your server as a template for your own custom skin. To do so, create your future skin directory (e.g. `my_skin`) and then copy the sample skin to this directory. The directory where the sample skin is stored is `<Root folder of SDK>\Samples\Skins\WinXPReloadedCompact`.

As a result, you will have the complete skin directory structure, along with the CSS and image files of the Plesk Sitebuilder default skin `WinXPReloadedCompact` in your skin directory (`my_skin\`).

The skin template is ready to be used. Now you can edit the CSS files and add the necessary image files within the skin directories, creating your unique style of Plesk Sitebuilder user interface appearance.

Customizing Skin

Each type of the user interface element that can be customized is described by the certain selectors within the corresponding CSS files of the skin. This section considers the areas of the user interface and gives the listing of these selectors and elements they correspond to, as well as provides simple examples of using these selectors in the CSS files.

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Parts of User Interface

The Plesk Sitebuilder user interface can be logically split into the following parts:

- Login and Reset Password pages
- Wizard
- Administrator Panel

Each part of the interface allows for individual customization of the appearance within a skin.

General Properties

The styles that are common for all parts of user interface are defined in the `style.css` file.

Table 1. General styles

UI element	File	Code sample
Common background	<code>style.css</code>	<code>BODY {margin: 0px 0px 0px 0px; padding: 0px 0px 0px 0px; background-color: white;}</code>
Forms	<code>style.css</code>	<code>form {margin: 0px 0px 0px 0px;}</code>

Login and Reset Password Pages

The following elements that are common to both Login page and Reset Password page can be customized:

- 1 Title
- 2 Block

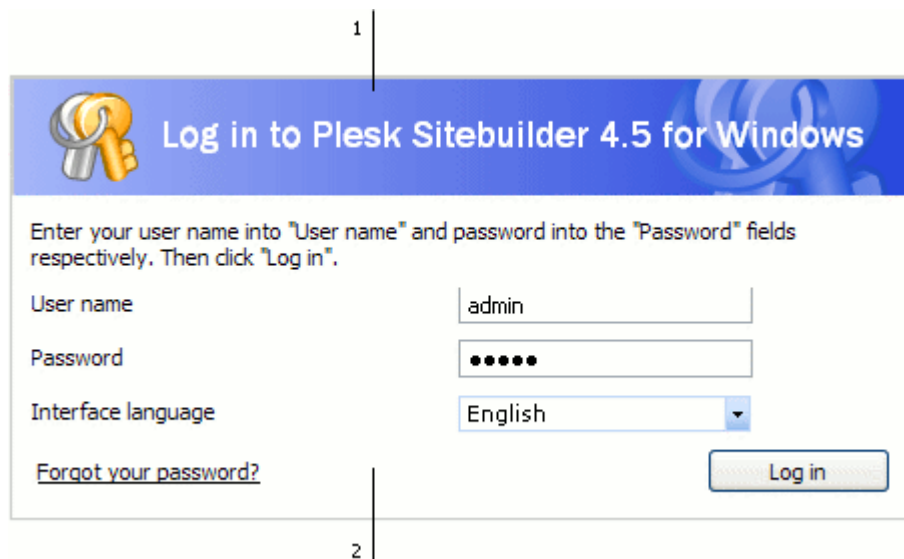


Figure 1: Login page

Table 2. Customizable elements of Login and Reset Password pages

UI element	File	Code sample
Title	style.css	<pre>.sb-logintitle { height: 59px; background-image: url(images\login- header.gif); font-size: 19px; font-family: "Franklin Gothic Medium", Verdana, Geneva, Arial, Helvetica, sans-serif; color: #ffffff; padding-left: 75px; width: 453px; }</pre>
Block	style.css	<pre>.sb-logintable { border-width: 1px; border-style: solid; border-color: #cccccc; width: 453px; }</pre>

Wizard

Plesk Sitebuilder Wizard consists of three areas that can be customized. They are as follows:

- Header (on page 13).The top part of a Wizard page.
- Footer (on page 16). The bottom part of a Wizard page.
- Overview page (on page 18). The page that appears before the first step of Plesk Sitebuilder Wizard.

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Header Elements

The following Wizard header elements can be customized:

- 1 Logotype image
- 2 Header background
- 3 Steps menu
- 4 Status bar
- 5 Toolbar items

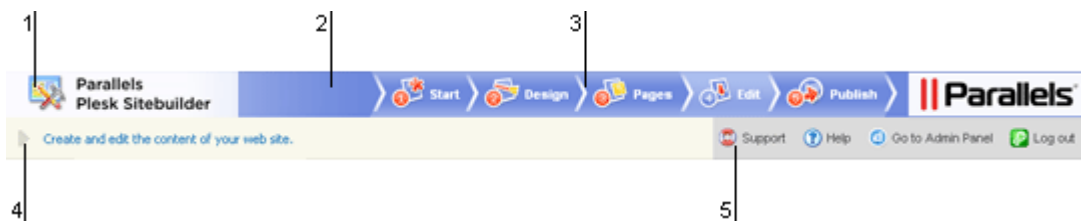


Figure 2: Wizard header

Table 3. Wizard header customizable elements

UI element	File	Code sample
Logotype image	images\def_sb_logo.gif	

UI element	File	Code sample
Header background	style.css, images\header_bg.jpg	<pre>.sb-header-top-container { background-color: #6E89DD; height: 40px; background-image: url(images\header_bg.jpg); background-repeat: no- repeat; }</pre>
Steps menu	Images\steps_abg.gif Images\steps_bg.gif Images\steps_design_a bullet.gif Images\steps_design_b ullet.gif Images\steps_edit_abu llet.gif Images\steps_edit_bul let.gif Images\steps_pages_ab ullet.gif Images\steps_pages_bu llet.gif	
	Images\steps_publish_ abullet.gif Images\steps_publish_ bullet.gif Images\steps_separato r.gif Images\steps_separato r_al.gif Images\steps_separato r_aleft.gif Images\steps_separato r_ar.gif Images\steps_separato r_aright.gif Images\steps_separato r_left.gif Images\steps_separato r_right.gif Images\steps_start_ab ullet.gif Images\steps_start_bu llet.gif	

UI element	File	Code sample
Status bar	style.css	<pre>.sb-header-bottom { background-color: #f9f8ec; height: 38px; border-bottom: solid 1px #7d7d7d; } .sb-header-bottom-right { background-color: #DBDBDB; }</pre>
Toolbar items	style.css	<pre>.sb-tools-text { font-family: Arial, sans-serif; font-size: 11px; color: #474747; white-space: nowrap; }</pre>

Footer Elements

The following Wizard footer elements can be customized:

- 1 Copyright font and background
- 2 Footer buttons



Figure 3: Wizard footer

Table 4. Wizard footer customizable elements

UI element	File	Code sample
Copyright font and background	style.css	<pre>.sb-footer-container { background-color: #6E89DD; height: 40px; } .sb-footer { } .sb-footer-text { color: #bcc9f0; font-size: 10px; font-family: Tahoma, Arial, Helvetica, sans-serif; text-decoration: none; }</pre>

UI element	File	Code sample
Footer buttons	style.css images\go_bac k_bullet.gif images\go_bac k_l.gif images\go_bac k_r.gif images\go_bg. gif images\go_nex t_bullet.gif images\go_nex t_l.gif images\go_nex t_r.gif images\go_pre view_bullet.g if images\go_pub lish_bullet.g if images\go_st art_l.gif	<pre> .sb-button-wizard-footer-text { white-space: nowrap; padding: 0 15px 0 5px; width: 40px; text-align: center; font-weight: bold; font-family: Tahoma, Arial, Helvetica, sans-serif; font-size: 11px; color: #ffffff; } </pre>

Overview Page Elements

The images displayed on the overview page of the Wizard are also customizable.

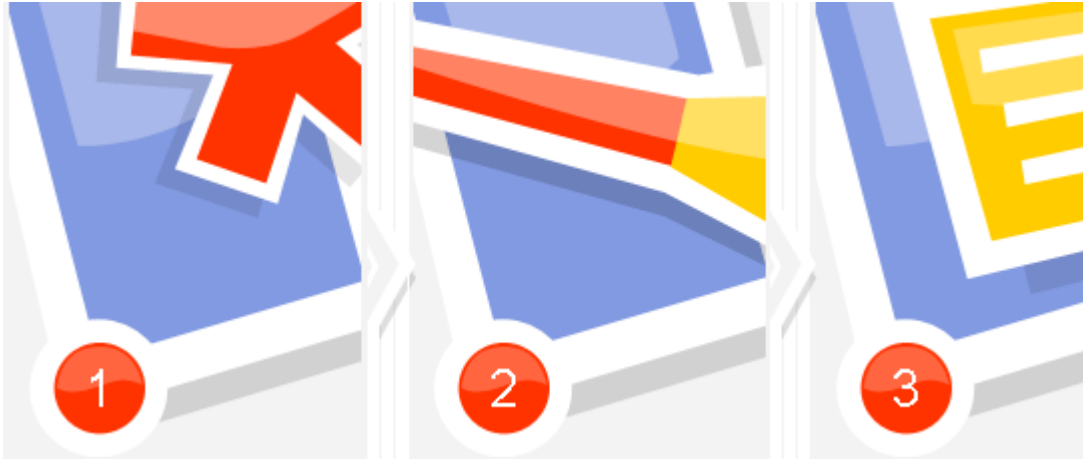


Figure 4: Overview page images

You can customize them by replacing the following files:

- `Images\over_design.gif`
- `Images\over_edit.gif`
- `Images\over_general.gif`
- `Images\over_overview.gif`
- `Images\over_pages.gif`
- `Images\over_publish.gif`
- `Images\over_start.gif`

Administrator Panel

The Administrator Panel is comprised of the Top area, Left (navigation) area, and Main area.

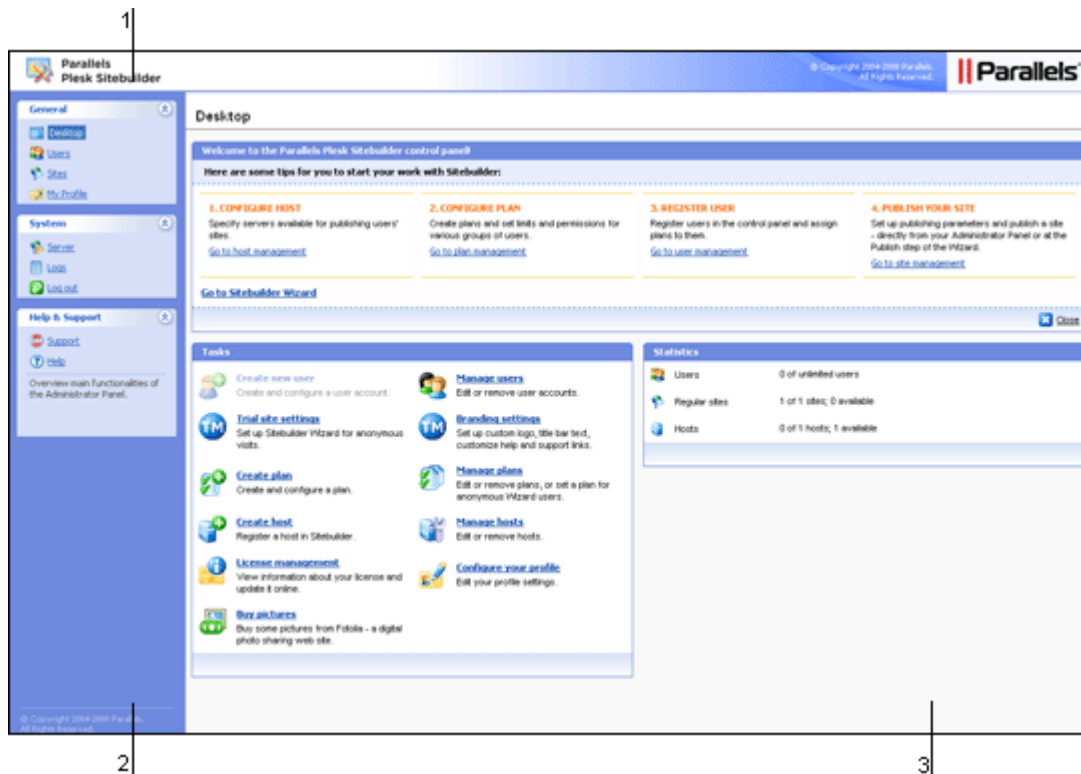


Figure 5: Areas of Administrator Panel

- 1 Top area (on page 20) contains a logotype image.
- 2 Left (navigation) area (on page 21) contains navigation items and context help area.
- 3 Main area (on page 24) contains the groups of available operations (based on current context), input forms, lists, and other similar interface elements.

Each area allows for individual customization of the appearance within a skin. This section describes how to customize the areas.

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Top Area Elements

The following elements of the Top area can be customized:

- 1 Logotype image
- 2 Copyright
- 3 Header background

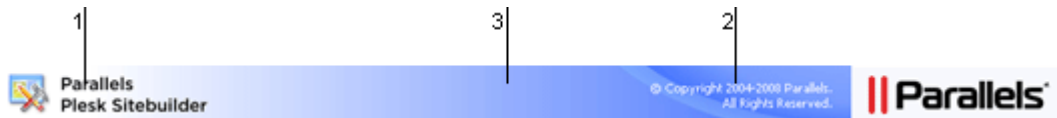


Figure 6: Top area

Table 5. Top area customizable elements

UI element	File	Code sample
Logotype image		To change logotype image, you should go to page server > Branding Settings of the Plesk Sitebuilder Administrator Panel.
Copyright	style.css	<pre>.sb-header-copyright { font-family: Tahoma, sans-serif; font-size: 10px; color: white; }</pre>
Header background	style.css	<pre>.sb-adminpanel-header-inner { background-image: url(images\top_bg.jpg?4.2.0); background-position: left bottom; background-repeat: repeat-x; height: 100%; width: 100%; } .sb-adminpanel-header { background-color: #ffffff; background-image: url(images\top_body_bg.jpg?4.2.0); background-position: top right; background-repeat: no-repeat; margin: 0; height: 50; }</pre>

Left Navigation Area Elements

The following elements of the Navigation area can be customized:

- 1 Background
- 2 Navigation section header background
- 3 Navigation section header
- 4 Navigation section area
- 5 Copyright
- 6 Selected navigation item
- 7 Expand/collapse navigation section
- 8 Navigation item
- 9 Context help

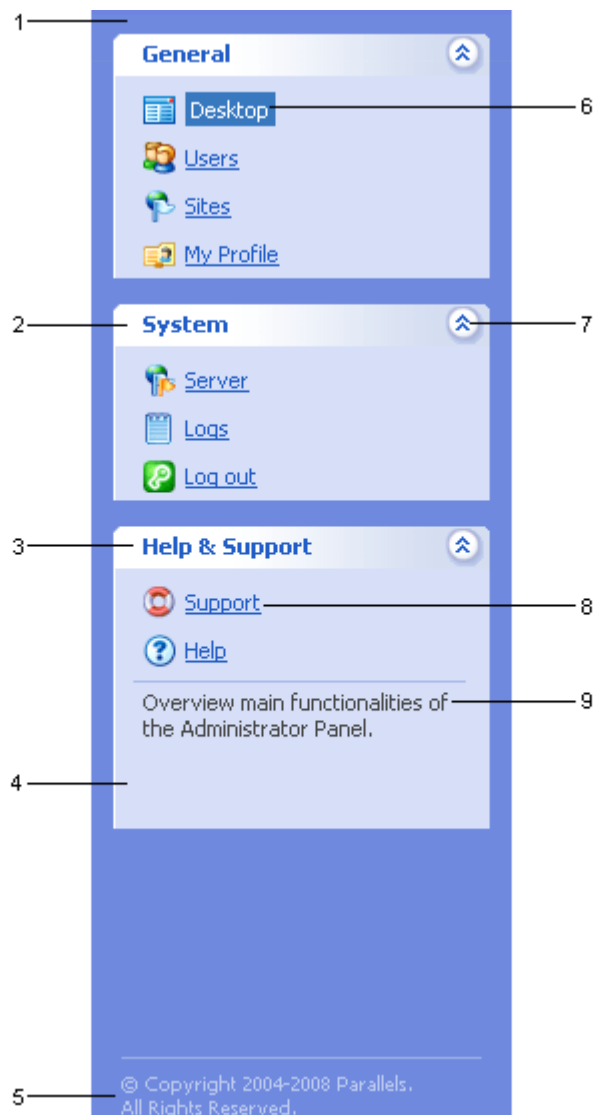


Figure 7: Left navigation area

Table 6. Left navigation area customizable elements

UI element	File	Code sample
Background	style.css	<pre>.sb-leftmenu { background-color: #6e89dd; }</pre>
Navigation section header background	style.css	<pre>.sb-leftmenu-panel-header { background-image: url(images\panel_header_bg.gif); top right; background-repeat: no-repeat; background-color: #ffffff; padding-right: 5px; padding-left: 10px; width: 99%; font-weight: bold; font-family: Tahoma, Arial, Helvetica, sans-serif; color: #215dc6; font-size: 11px; }</pre>
Navigation section header	style.css	<pre>.sb-leftmenu-panel-header-text { color:#215DC6; font-family: Tahoma,Arial,Helvetica,sans-serif; font-size:11px; font-weight:bold; }</pre>
Expand/collapse navigation section	images\hide.gif, images\show.gif	
Navigation section area	style.css	<pre>.sb-leftmenu-panel-content { background-color:#D6DFF7; background- image:url(images\white_pixel.gif); background-position:left top; background-repeat:repeat-y; }</pre>
Navigation item	style.css	<pre>.sb-leftmenu-text { color:#215DC6; font-family:Tahoma,Arial,Helvetica,sans- serif; font-size:11px; text-decoration:underline; white-space:nowrap; }</pre>

UI element	File	Code sample
Selected navigation item	style.css	<pre>.sb-leftmenu-text-active { background-color:#3878BF; color:#FFFFFF; font-family:Tahoma,Arial,Helvetica,sans-serif; font-size:11px; padding:2px 3px; text-decoration:none; white-space:nowrap; }</pre>
Context help	style.css	<pre>.sb-short-help { color:#474747; font-family:Tahoma,Arial,Helvetica,sans-serif; font-size:11px; }</pre>
Copyright	style.css	<pre>.sb-leftmenu-copyright td { color: #bcc9f0; font-size: 10px; font-family: Tahoma, Arial, Helvetica, sans-serif; text-decoration: none; height: 100%; vertical-align: middle; padding: 0 0 5 0; }</pre>

Main Area

The Main area consists of two customizable parts:

- 1 Screen title - the title of the currently displayed screen
- 2 Screen content - the currently available (visible) set of operations, input forms, lists, etc.

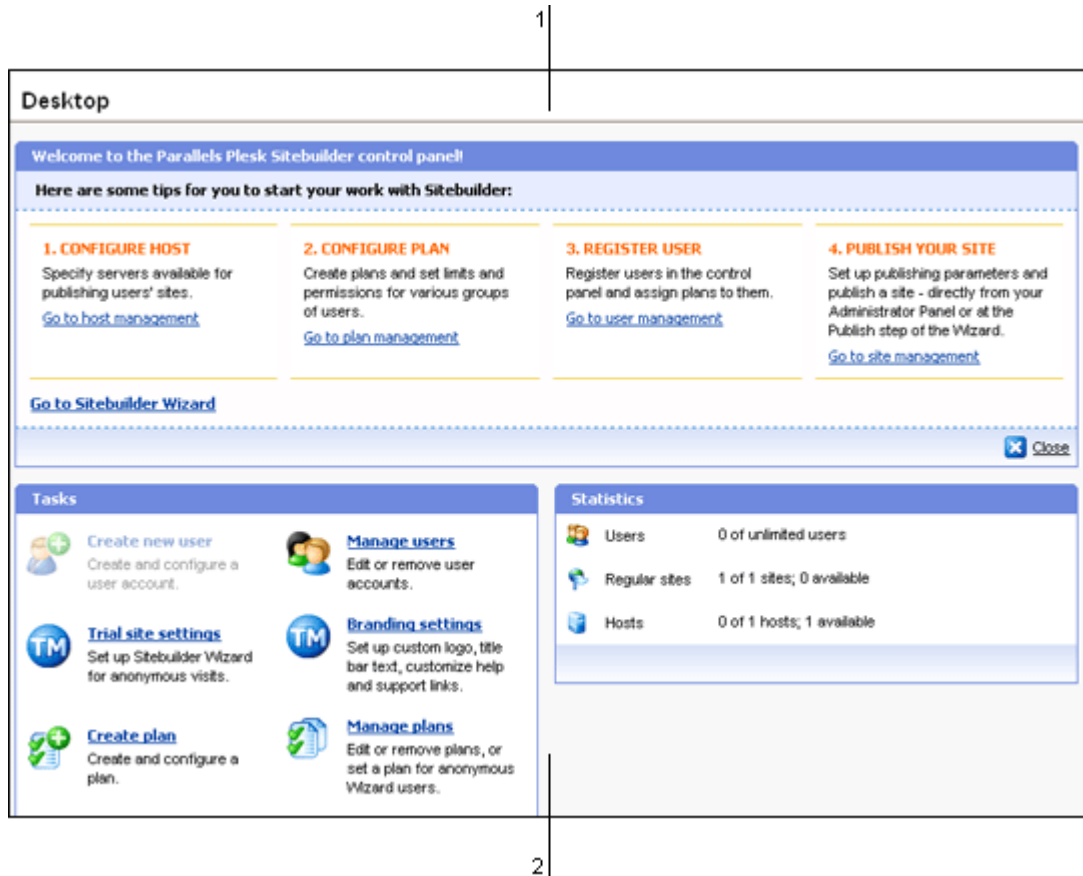


Figure 8: Main area

The description of the main area parts is provided below.

In this section:

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Screen Title Elements

The following elements of the Screen title can be customized:

- 1 Path bar
- 2 Title
- 3 *Up Level* link

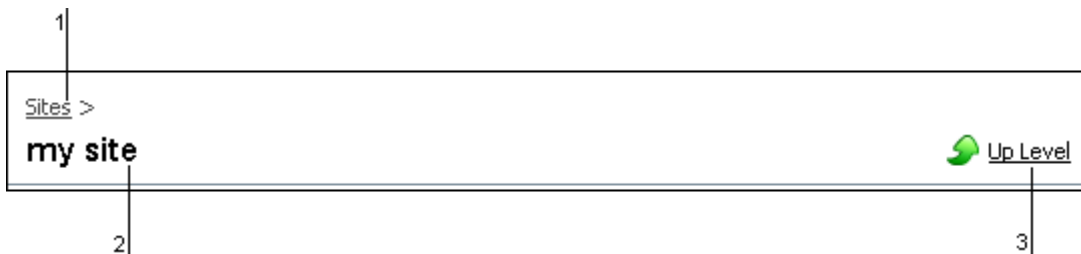


Figure 9: Screen title

Table 7. Screen title customizable elements

UI element	File	Code sample
Path bar	style.css	<pre>.sb-map-path-link { font-family: Tahoma, Arial, Helvetica, sans-serif; font-size: 11px; color: #444444; font-weight: normal; }</pre>
Title	style.css	<pre>.sb-page-title { color:black; font-family:Franklin Gothic Medium,Verdana, Geneva,Arial,Helvetica,sa ns-serif; font-size:18px; font-weight:normal; }</pre>
'Up level' link	style.css	<pre>.sb-button-levelup-text { font-family:Tahoma,Arial,Helvetica,sans- serif; font-size:11px; text-align:center; text-decoration:underline; }</pre>

Screen Content Elements

The Screen content includes the following sub-areas that can be customized:

- Tasks (on page 27). Contains shortcuts to the operations that you can perform through the control panel.
- List (on page 28). Contains ordered set of data on which you can perform different operations (like sort or search).
- Dialog form (on page 30). Consists of form elements to be filled by users.
- Tab (on page 31). Groups properties of certain Plesk objects.

There are customizable elements common for all the sub-areas. They are as follows:

- 1 Title
- 2 Frame for grouping UI elements

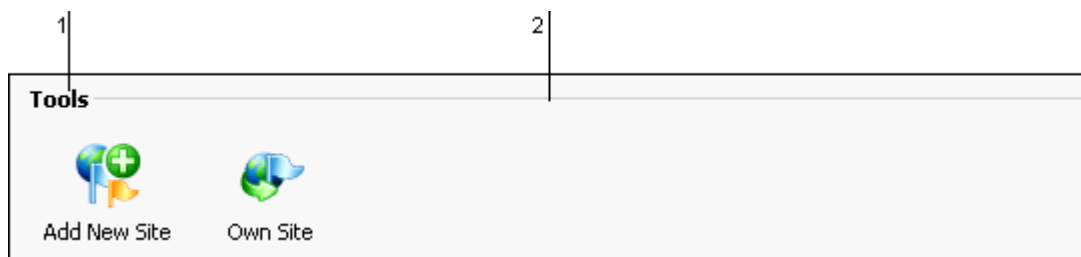


Figure 10: Screen content

Table 8. Common screen content customizable elements

UI element	File	Code sample
Title	style.css	<pre>.sb-label-toolbar-title { font-family: Tahoma, Arial, Helvetica, sans-serif; font-size: 11px; color: black; font-weight: bold; background-color: #F9F8F8;}</pre>
Frame for grouping UI elements	style.css	<pre>.sb-toolbar-fieldset { border-top-style: solid; border-top-width: 1px; border-top-color: #d1d1d1; border-bottom-style: none; border-left-style: none; border-right-style: none; padding-top: 5px; padding-bottom: 5px; }</pre>

In this section:

Tasks 27
 List 28
 Dialog Form..... 30
 Tab..... 31

Tasks

The following Tasks elements can be customized:

- Tool label



Figure 11: Tasks sub-area

Table 9. Tasks customizable elements

UI element	File	Code sample
Tool label	style.css	<pre>.sb-button-toolbar-text { font-family:Tahoma,Arial,Helvetica,sans-serif; font-size:11px; height:35px; padding:5px 3px 0pt; text-align:center; vertical-align:top; }</pre>

List

The following List elements can be customized:

- 1 Operation box
- 2 Table header
- 3 Table header (list sorted by selected parameter)
- 4 Table rows

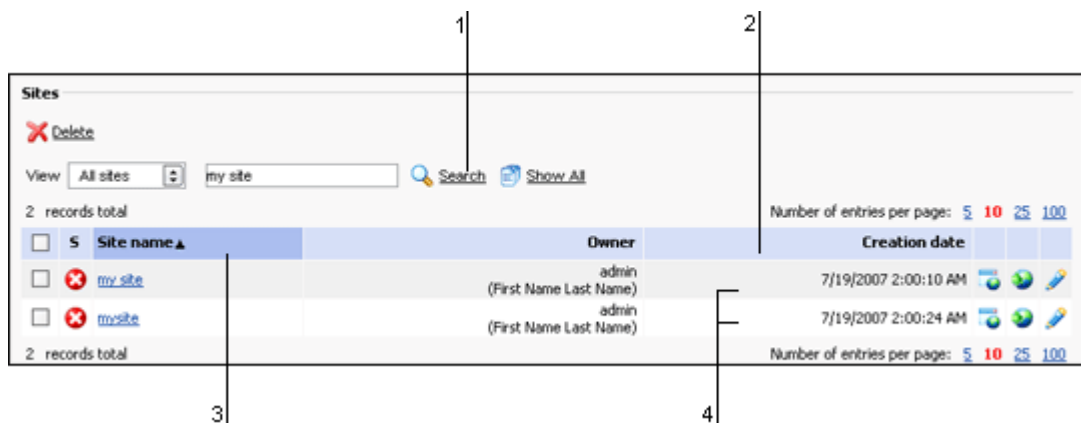


Figure 12: List sub-area

Table 10. List customizable elements

UI element	File	Code sample
Operation box	style.css	<pre>.sb-button-list-text { text-align: center; font-family: Tahoma, Arial, Helvetica, sans-serif; font-size: 11px; padding-left: 5px; white-space: nowrap; text-decoration: underline; }</pre>
Table header	style.css	<pre>.sb-gridview-header-sorted { background-color: #ABBEEF; }</pre>
Table header (list sorted by selected parameter)	style.css	<pre>.sb-gridview-selected { background-color: #9fb1e9; }</pre>

UI element	File	Code sample
Table rows	style.css	<pre>.sb-gridtext { font-family: Tahoma, Arial, Helvetica, sans-serif; font-size: 11px; color: Black; background-color: #f0f0f0; height: 24px; } .sb-gridtext-alter { font-family: Tahoma, Arial, Helvetica, sans-serif; font-size: 11px; color: Black; background-color: #ffffff; height: 24px; }</pre>

Dialog Form

The following Dialog form elements can be customized:

- 1 "Required" indicator
- 2 Footnote
- 3 Button

Figure 13: Dialog form sub-area

Table 11. Dialog form customizable elements

UI element	File	Code sample
'Required' indicator	style.css	<pre>.sb-requiredlabel { padding-left: 3px; padding-right: 5px; font-family: Tahoma, Arial, Helvetica, sans-serif; font-size: 11px; color: #cc0000; }</pre>
Footnote	style.css	<pre>.sb-required-note { font-family: Tahoma, Arial, Helvetica, sans-serif; font-size: 11px; color: #666666; }</pre>

UI element	File	Code sample
Button	style.css	<pre>.sb-button-dialog-text { white-space: nowrap; font-family: Tahoma, Arial, Helvetica, sans-serif; font-size: 11px; text-align: center; padding-right: 15px; width: 99%; }</pre>

Tab

The following Tab elements can be customized:

- 1 Active tab item
- 2 Tab item
- 3 Tabs panel

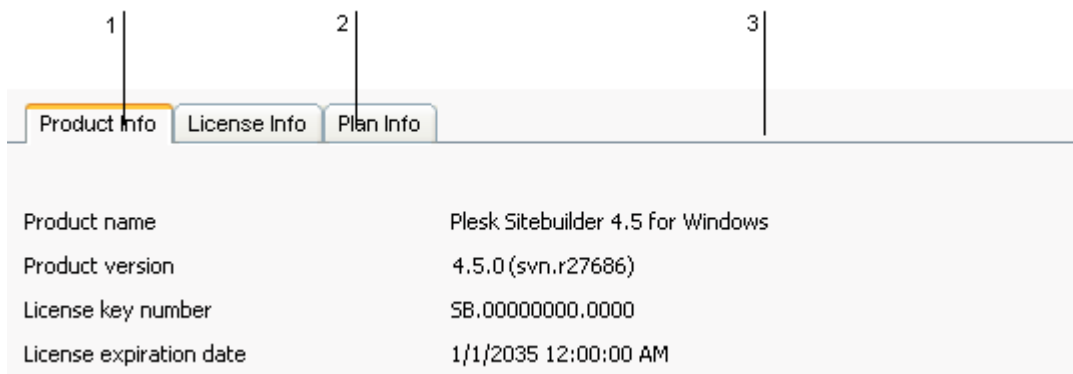


Figure 14: Tabs

Table 12. Tab customizable elements

UI element	File	Code sample
Active tab item, Tab item	style_ext.css	<pre>.RadTabStrip_WinXPReloadedCompact li a.selected { background:#F9F8F8 url(images\tabLeftOn.gif) no-repeat scroll 0px; cursor:pointer; line-height:20px; z-index:3; } .RadTabStrip_WinXPReloadedCompact li a</pre>

UI element	File	Code sample
		<pre>{ background:transparent url(images\tabLeftOff.gif) no-repeat scroll 0px; color:#000000; cursor:pointer; line-height:20px; padding-left:3px; text-decoration:none; z-index:2; }</pre>
Tabs panel	style.css	<pre>.sb-formtableheader TH { height: 35px; padding-left:10px; background-position: bottom; background-repeat: repeat-x; background-image: url(images\FormTabsBg.gif); }</pre>

Specifying General Information About Skin

To compile a skin, you must create a file where basic technical information about a skin is stored. The file is named `info.xml`. It should be located in the skin root directory.

The structure of the `info.xml` file is as follows:

```
<?xml version="1.0" encoding="UTF-8"?>
<skin id="PleskNature" caption="Plesk Nature" version="4.2.1"/>
```

The first line, called XML declaration, defines the version of XML and the charset used in the document.

The `skin` element contains general information about a skin. The element has the following attributes:

- `id`. Skin identifier that is used by Plesk Sitebuilder to identify a skin. The identifier must not contain spaces.
- `caption`. Skin name that is displayed to end users.
- `version`. Version of Sitebuilder for which the skin is created concatenated with a skin version. Skin version defines number of times the skin was redesigned.

Compiling Skin into Installable Package

Skin package is an `.msi` file ready-to-install in Plesk Sitebuilder. Compilation of installable skin packages is performed by the compiler included into Plesk Sitebuilder SDK.

Prior to launching the compilation process, note that:

- The root directory of a skin must contain the `info.xml` file and at least one `.css` file
- The compiled `.msi` skin package will contain the `info.xml` file in the root directory and all files from root directory and subdirectories which have the following extensions:
 - `.css`
 - `.skin`
 - `.jpg`
 - `.jpe`
 - `.jpeg`
 - `.gif`
 - `.png`

➤ ***To compile an installable skin package:***

- 1** In the **Windows Explorer**, right-click the skin directory.
- 2** Select the **Plesk Sitebuilder Skins Compiler** option.

A window displaying the results of the compilation process opens. Besides, the log file `compilation.log` will be saved on your local drive in the root directory.

If the compilation process has been completed successfully, the `[skin directory name].msi` file appears in the same level as the skin directory.

Installing Skin Package

Prior to starting the skin installation process, make sure that you have administrator rights on the computer where you are going to install a skin package.

➤ *To install a skin package, do the following:*

Start the compiled skin package (.msi file)

After the installation process is completed, the newly installed skin appears in the list of available skins in the Plesk Sitebuilder Administrator Panel (**Server > Skins**).