

# Parallels<sup>®</sup> Plesk Sitebuilder

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Developer's Guide

## **Plesk Sitebuilder Custom Skins**

Plesk Sitebuilder 4.5 for Linux/Unix

# Copyright Notice

*ISBN: N/A*

*Parallels*

*660 SW 39th Street*

*Suite 205*

*Renton, Washington 98057*

*USA*

*Phone: +1 (425) 282 6400*

*Fax: +1 (425) 282 6444*

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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.

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## 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).

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## 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 <b>QoS</b> tab.
	Titles of chapters, sections, and subsections.	Read the <b>Basic Administration</b> 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>
<b>Preformatted Bold</b>	What you type, contrasted with on-screen computer output.	<b>&gt; cd /etc/sitebuilder</b>

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## 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.

## CHAPTER 1

# Introduction

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 and image files. The CSS files define the style of Plesk Sitebuilder interface elements; the image files are the Plesk Sitebuilder interface icons, logotype images and other pictures. 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 Plesk Sitebuilder 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.

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## Files That Compose Skin

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

### CSS files:

- **style.css**  
The `style.css` file contains style settings common for all interface elements.
- **style\_ext.css**  
The `style_ext.css` file contains extra settings of interface elements style.

### 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 for installation on the Plesk Sitebuilder server.

## In this chapter:

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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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Login and Reset Password Pages.....	10
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## Parts of User Interface

Plesk Sitebuilder user interface can be logically split into three 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

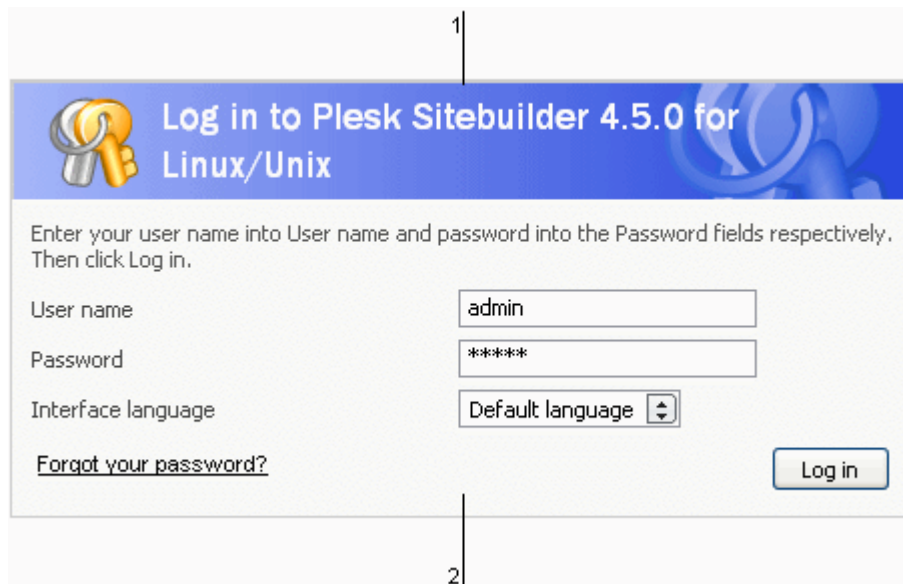


Figure 1: Login Page

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 11).The top part of a Wizard page.
- Footer (on page 14). The bottom part of a Wizard page.
- Overview page (on page 16). The page that appears before the first step of Plesk Sitebuilder Wizard.

## In this section:

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 Overview Page Elements.....16

## 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

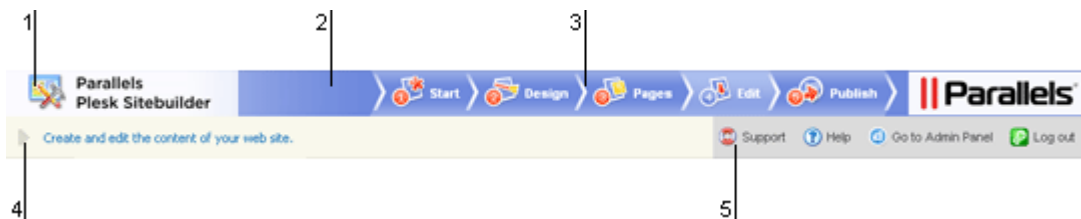


Figure 2: Wizard header

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	

UI element	File	Code sample
	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_ bullet.gif	
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

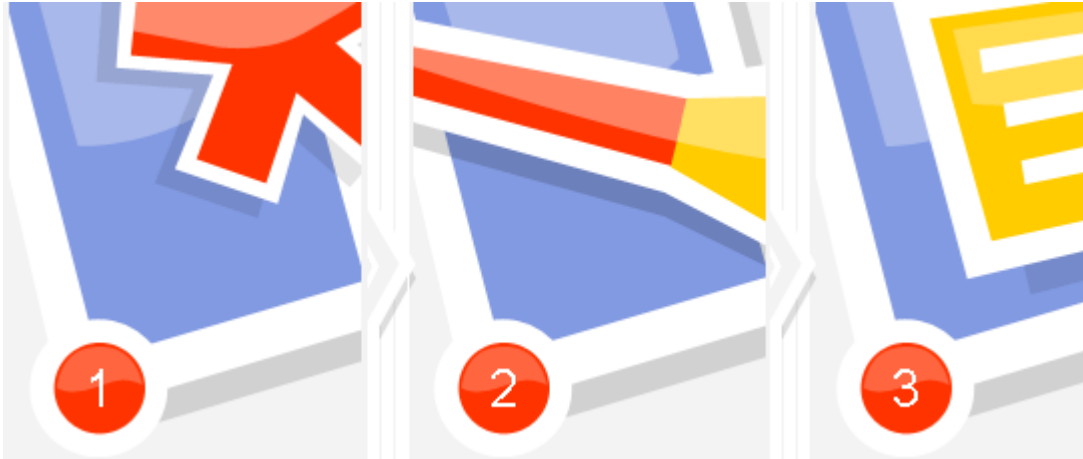
Table 4. Wizard footer customizable elements

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_back_bullet.gif images/go_back_l.gif images/go_back_r.gif images/go_bg.gif images/go_next_bullet.gif images/go_next_l.gif images/go_next_r.gif images/go_preview_bullet.gif images/go_publish_bullet.gif images/go_start_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.

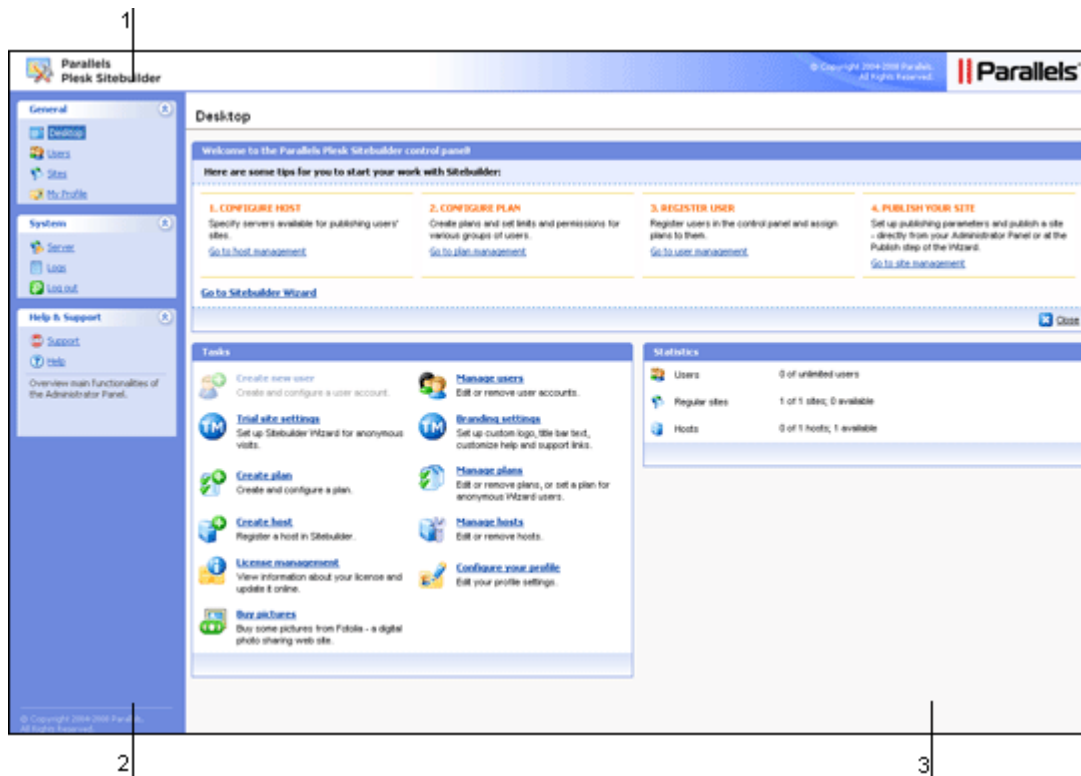


Figure 5: Areas of Administrator Panel

- 1 Top area (on page 18) contains a logotype image.
- 2 Left (navigation) area (on page 19) contains navigation items and context help area.
- 3 Main area (on page 22) 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.

## In this section:

Top Area Elements.....	18
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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

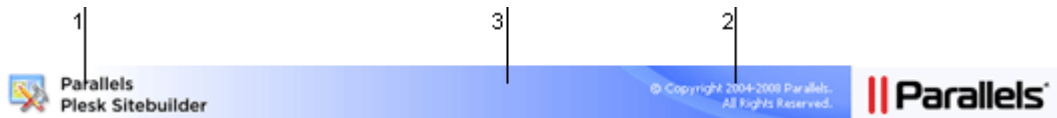


Figure 6: Top area

Table 5. Top area customizable elements

UI element	File	Code sample
Logotype image		To change logotype image, you should go to page <b>server &gt; Branding Settings</b> 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-table-border-top-left {     background-image: url(images/table_top_left.gif);     background-repeat: no-repeat;     width: 10px;     height: 10px;     font-size: 5px;     background-position: bottom; } .sb-table-border-top-right {     background-image: url(images/table_top_right.gif);     background-repeat: no-repeat;     width: 10px;     height: 10px;     background-position: bottom; }</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

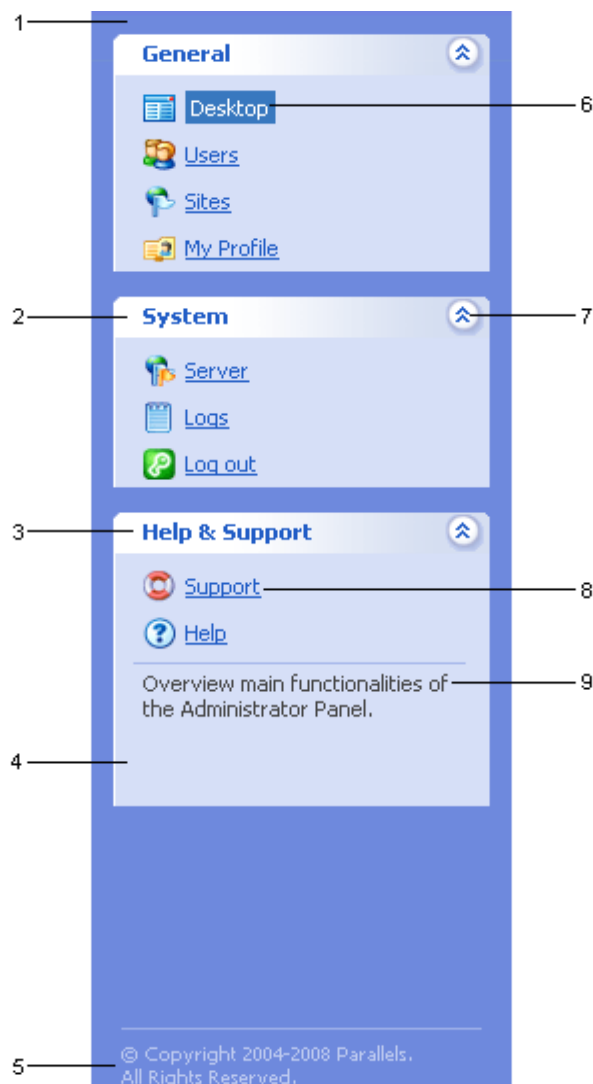


Figure 7: Left navigation area

**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: 3px;     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.

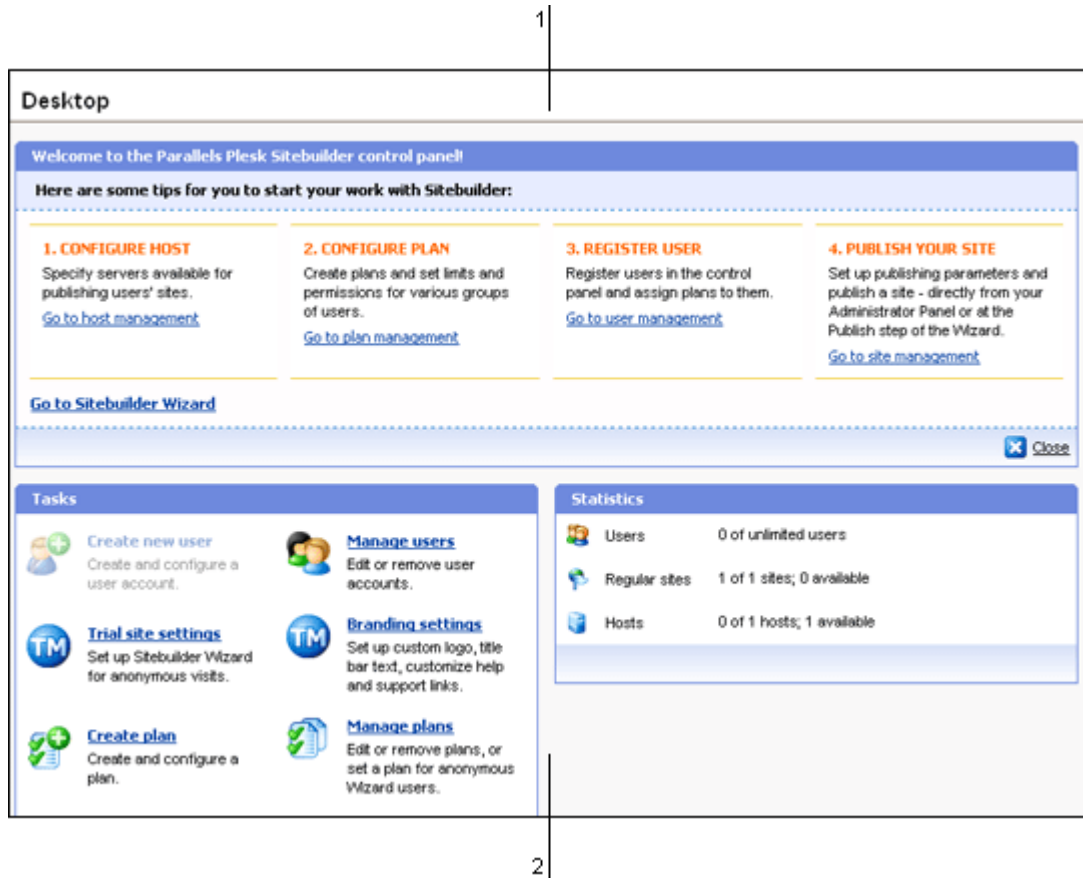


Figure 8: Main area

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

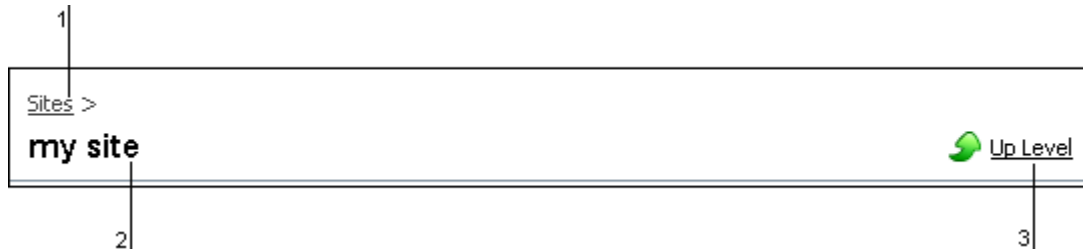


Figure 9: Screen title

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 25). Contains shortcuts to the operations that you can perform through the control panel.
- List (on page 26). Contains ordered set of data on which you can perform different operations (like sort or search).
- Dialog form (on page 28). Consists of form elements to be filled by users.
- Tab (on page 30). 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

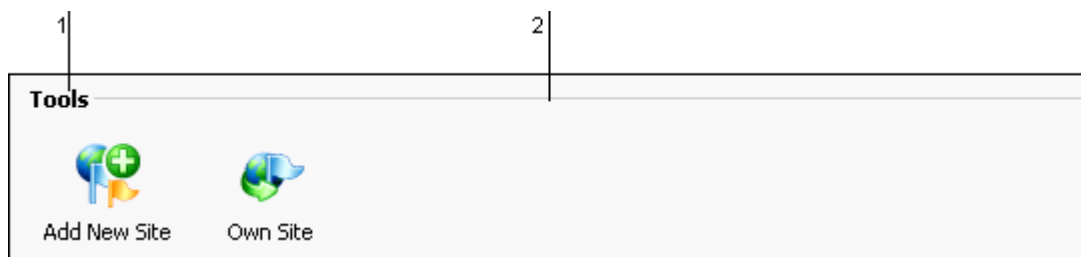


Figure 10: Screen content

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:

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## Tasks

The following Tasks elements can be customized:

- 1 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

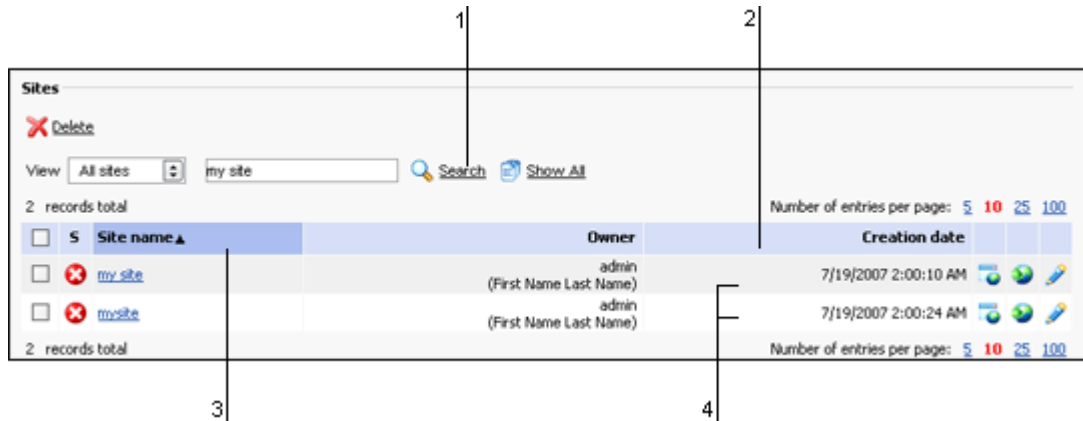


Figure 12: List sub-area

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 {     font-size: 11px;     text-align: left;     background-color: #D6DFF7;     height: 24px;     white-space: nowrap; }</pre>
Table header (list sorted by selected parameter)	style.css	<pre>.sb-gridview-header-sorted {     background-color: #ABBEEF; }</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

The screenshot shows a dialog form with the following elements:

- 1**: A vertical line pointing to the asterisk (\*) next to the "First name" label, indicating the "Required" indicator.
- 2**: A vertical line pointing to the text "\* Required fields" at the bottom left of the dialog, indicating the footnote.
- 3**: A vertical line pointing to the "OK" and "Cancel" buttons at the bottom right, indicating the buttons.

The form contains the following fields and controls:

- First name \*
- Last name \*
- User name \*
- Password \*
- Confirm password \*
- E-mail \*
- Role (Dropdown menu with "Reseller" selected)
- Plan (Dropdown menu with "Default plan" selected)
- Proceed to registering a site for this user

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

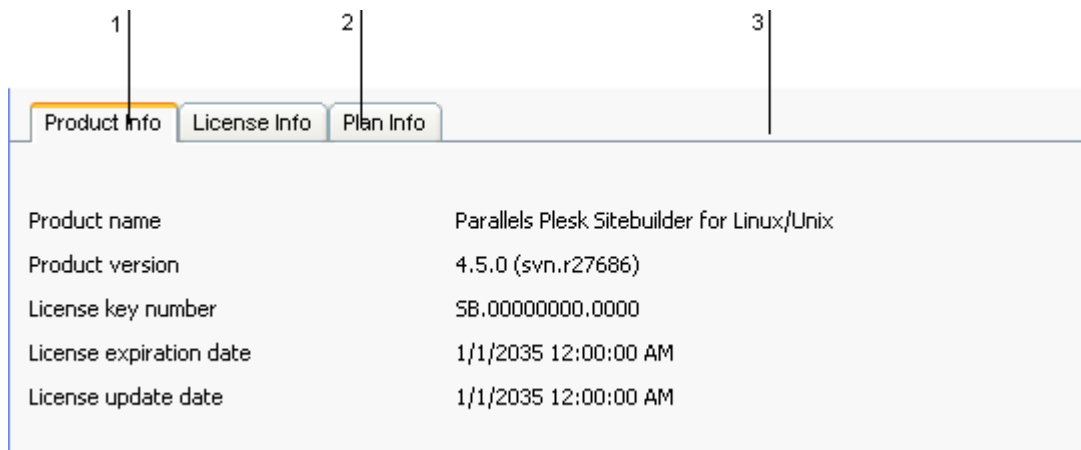


Figure 14: Tab sub-area

Table 12. Tab customizable elements

UI element	File	Code sample
Active tab item, Tab item	style_ext.css	<pre>.TabLabelSelectedStyle {   cursor:pointer;   font-family:Arial;   font-size:11px;   text-align:center;   z-index:3; } .TabLabelDefaultStyle {   cursor:pointer;   font-family:Arial;   font-size:11px;   text-align:center;   z-index:2; }</pre>
Tabs panel	style.css	<pre>.sb-formtableheader th {   background-   image:url(images/FormTabsBg.gif);   background-position:center bottom;   background-repeat:repeat-x;   height:25px;   padding-left:10px; }</pre>

# Specifying General Information About Skin

To install 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="1.0.0"/>
```

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 contain no spaces and coincide with the skin directory name.
- `caption`. Skin name that is displayed to end users.
- `version`. Skin version.

# Installing Skin

Prior to launching the installation process, note that the skin root directory must contain the `info.xml` file and at least one `.css` file.

➤ *To install the skin you have created to Plesk Sitebuilder:*

**4** Place the skin root directory to the `<sb-root>/htdocs/skins/` directory on the Plesk Sitebuilder server.

**5** Run the following command with root privileges:

```
# sb_config --update_skins
```

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