"**404 Error Page**"

Premium Template By iDangero.us

Documentation

Thank you for purchasing this item. If you have any questions that are beyond the scope of this help file, please feel free to contact us via support ticket form here.

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1. About "404 Error Page"

404 Error Page is the site template intended for use instead of default server error page (document).
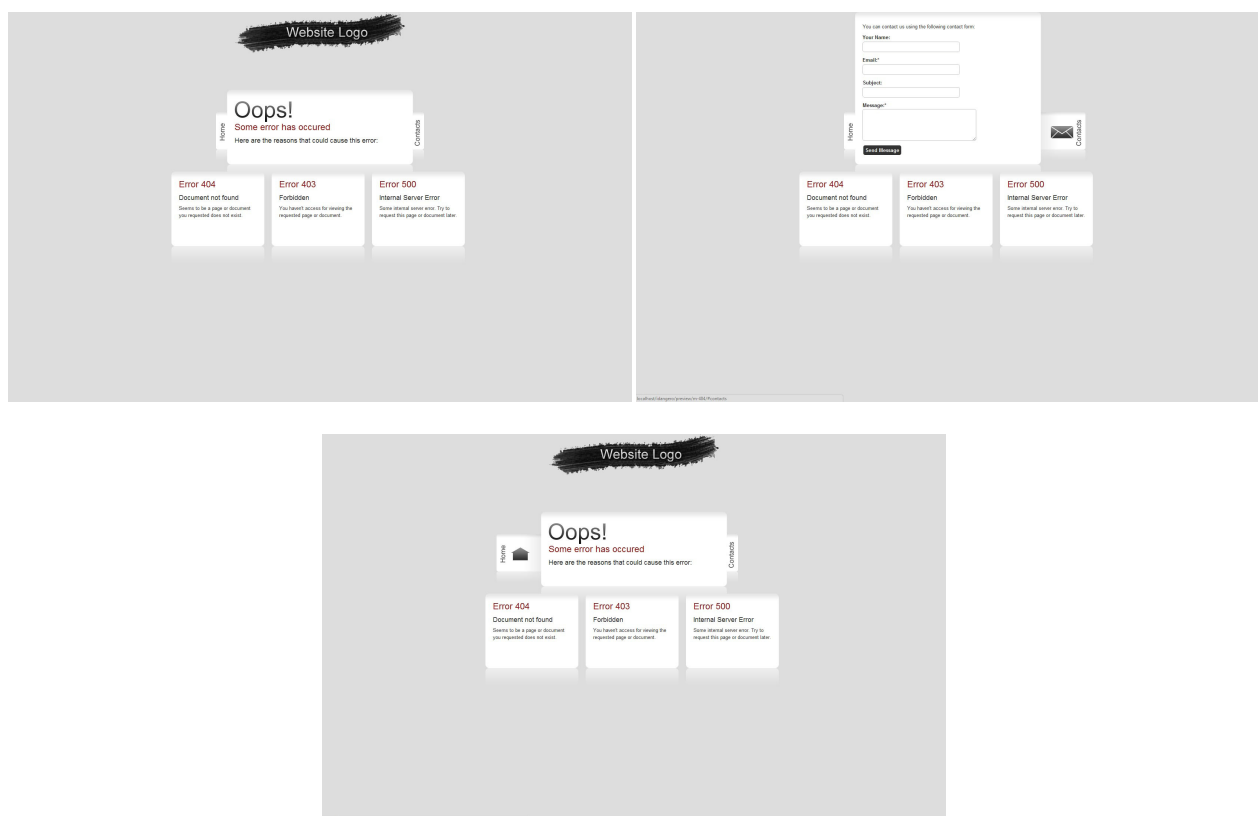
Users will get this page if they will enter a wrong URL address. Usually, default server error page is generated by the server and hasn't information about main web-site and how to get it.

404 Error Page template contains information about main web-site, reason of the error, provides an opportunity to get to the home page and to send a message to web-site administrator using the Ajax contact form.

Smooth and good looking animation and Ajax features of this template are realized by using the JavaScript jQuery library and CSS3.
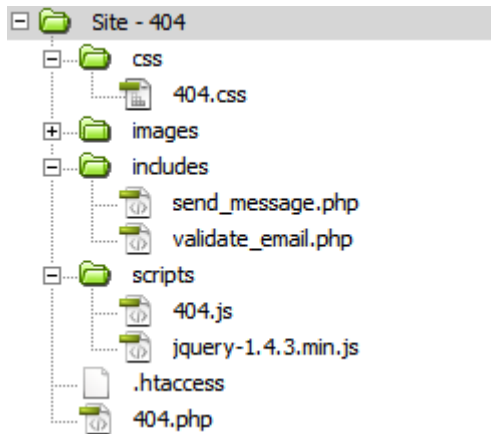
This template is easy to redesign, it has very simple and clear API.

Here is a couple of screenshots:

2. 404 E.P. Files & Folders Structure

404 E.P. files are located in the **404/** folder from the downloaded archive:

css: folder with a .css files

images: here you can find layouts images used in this Template

includes: 2 php scripts used for Ajax contact form

scripts: JavaScripts used in this template

And the main **404.php** and **.htaccess** in the root folder

3. Installation

To install **404 E.P.** template you have to copy all files & folders (except .htaccess file) from the **404 /** folder to your web-site root folder on the server (It could be a real server or local testing server). If your website doesn't have its own .htaccess file then you have to copy this file too. Otherwise, you need to open .htaccess file from **404/** folder with any text editor and copy three following lines to your "native" .htaccess file:

ErrorDocument 404 http://www.my-web-site.com/404.php

ErrorDocument 403 http://www.my-web-site.com/404/404.php

ErrorDocument 500 http://www.my-web-site.com/404/404.php

http://www.my-web-site.com – change this URL to yours

4. HTML Structure

Let's look at the main HTML/PHP structure of 404 E.P. Template. Open 404.php file with a text editor (Highly recommended to use Adobe® Dreamweaver® or Notepad ++ editors). **404.php** <body> structure:

```html
<body>
<div class="wrapper">
  <a id="home" href="http://www.idangero.us">
    <img src="images/404/home.png" alt="Home" title="Home" width="140" height="130" />
  </a>
  <a id="contacts" href="#contacts">
    <img src="images/404/contacts.png" alt="Contacts" title="Contacts" width="140" height="130" />
  </a>
  <div class="logo"><img src="images/404/logo.jpg" width="460" height="110" alt="" /></div>
  <div id="content">
    <div class="content-top">
      <div class="content-mid">
        <div class="error-message"> <img src="images/404/oops.png" width="154" height="56" alt="" />
          <h2>Some error has occured</h2>
          <h3>Here are the reasons that could cause this error:</h3>
        </div>
        <form id="contact-form" action="javascript:sendMessage()" method="post">
          <p>You can contact us using the following contact form:</p>
          <label><strong>Your Name:</strong><br />
            <input type="text" id="contact-name" />
          </label>
          <label><strong>Email:*</strong><br />
            <input type="text" id="contact-email" onblur="validateEmail()"/>
          </label>
          <label><strong>Subject:</strong><br />
            <input type="text" id="contact-subject" />
          </label>
          <label><strong>Message:*</strong><br />
            <textarea id="contact-message" rows="10" cols="30" onblur="validateMessage()"></textarea>
          </label>
          <input type="submit" name="button" value="Send Message"  />
        </form>
      </div>
    </div>
  </div>
  <div class="errors">
    <div class="error">
      <div class="error-r">
        <div class="error-m">
          <h2>Error 404</h2>
          <h3>Document not found</h3>
          <p>Seems to be a page or document you requested does not exist.</p>
        </div>
      </div>
    </div>
    <div class="error">
      <div class="error-r">
        <div class="error-m">
          <h2>Error 403</h2>
          <h3>Forbidden</h3>
          <p>You haven't access for viewing the requested page or document.</p>
        </div>
      </div>
    </div>
  </div>
```

Callout labels:
- Animated "Home" Link
- Animated "Contacts" Link
- Logo section
- Content Section contains the main error message and the contact form.
- Ajax contact form. It is hided by the default.
- If the all fields are correct **sendMessage()** script will send and Ajax request to the php mailing script located in the **includes/send_message.php** file. This script will send a message and will return mailing status message.
- Second block with a 403 Error

```
<div class="error">
  <div class="error-r">
    <div class="error-m">
      <h2>Error 500</h2>
      <h3>Internal Server Error</h3>
      <p>Some internal server error. Try to request this page or document later.</p>
    </div>
  </div>
 </div>
</div>
</body>
```

5. CSS Files and Structure

There is one CSS file used in this Template. You can find css attachment in the HEAD section of index.php file.

```
<head>
-------
<link rel="stylesheet" type="text/css" href="css/404.css" />
-------
</head>
```

By default it is located in the **css/** folder. You can easily change the path or filename in the **href** attribute of **link** tag.

style.css file is contains all general layouts for the template. It is separated into sections:

```
/* --- Common Rules --- */
```

There are common rules in this section, such as font size, fonts, link colors, layout images etc.

```
/* --- Logo --- */
```

This section contains style rules for header and logo sections

```
/* --- Home & Contacts Buttons --- */
```

Rules for toolbar navigation buttons

```
/* --- Content & Error Blocks --- */
```

Styling for the Social.Bar

```
/* --- Contact Form --- */
```

Form styling

```
/*---- Ajax Loader-----*/
```

Ajax Loader styling

```
/*----End of CSS File----*/
```

If you would like to edit a specific section of the site, simply find the appropriate section in the CSS file, and then scroll down until you find the appropriate style that needs to be edited.

6. JavaScripts

404 E.P. Template uses two JavaScript files

Attachment of JavaScript files can be found in the HEAD section of index.php file:

```
<head>
-------
<script type="text/javascript" src="scripts/jquery-1.4.3.min.js"></script>
<script type="text/javascript" src="scripts/404.js"></script>
-------
</head>
```

You can easily change the path or filename in the **src** attribute of **script** tag.

The first script file is the jQuery (JavaScript library that greatly reduces the amount of code that you must write).

And the second script file (404.js) is the custom script used for animation, effects and Ajax requests. You can learn more about jQuery methods used here (**fadeOut(), fadeIn(), fadeTo(), animate(), jQuery.get(), html(), delay(), hover() etc.**) by visiting this jQuery Documentation Site.

First of all let's look at the custom script more closely.

The first part of the script is executed when the document is loaded. Here are the effects and rules for home and contacts links, its animation, Ajax loader

.

> This code means that when you'll take the mouse cursor on the element with an "error" class, then the "zoom" class will be added to this element. And second function is used to remove class "zoom" when you'll take the mouse cursor away from this element.

```
1  // JavaScript Document
2  jQuery(document).ready(function(){
3      $(".error").hover(function(){$(this).addClass("zoom")},function(){$(this).removeClass("zoom")})
4      $("#home").hover(
5          function(){
6              $(this).animate({"left":"40px"},500)
7          },
8          function(){
9              $(this).stop().animate({"left":"130px"},500)
10         }
11     )
12     $("#contacts").hover(
13         function(){
14             $(this).animate({"right":"40px"},500)
15         },
16         function(){
17             $(this).stop().animate({"right":"130px"},500)
18         }
19     )
```

> When you'll take mouse cursor on the element with a "home" ID, its left position will be set in 40px in animation for 0.5 seconds.

> When you'll take mouse cursor away from the element with a "home" ID, its left position will be set in 130px in animation for 0.5 seconds.

> The same functions but for the element with a "contacts" id attribute.

```
20    $("#contacts").click(function(e){
21        e.preventDefault()
22        if($("#contact-form").css('display')=='none') {
23            $("#content").animate({"margin-top":"-=210px"},300)
24            $('.content-mid').animate({"height":"+=210px"},300)
25            $(".error-message").delay(300).fadeOut(400)
26            $("#contact-form").delay(800).fadeIn(400)
27        }
28        else {
29            $("#contact-form").fadeOut(400)
30            $("#content").delay(500).animate({"margin-top":"+=210px"},300)
31            $('.content-mid').delay(500).animate({"height":"-=210px"},300)
32            $(".error-message").delay(900).fadeIn(400)
33        }
34    })
35    /*----------Ajax Loader----------*/
36    $(".wrapper").ajaxStart(function(){
37        $(this).prepend('<div class="ajax-loader">Loading...</div>');
38    })
39    $(".wrapper").ajaxComplete(function(){
40        $(".ajax-loader").remove();
41    })
42 });
```

> Animation function which is used to show and hide contact form. First of all, when the "contacts" button is clicked, function checks if the form hided or not. If hided, then the "content" section will be animated to add to its height 210 px for 0.3 seconds. After that the main error message section will be faded out for 0.4 seconds and the contact form will be faded in.

> If the form is visible (opened), it will be hided with animation effects contrary to the previous ones.

> This code means that when the Ajax request is starting, the HTML code of Ajax Loader will be added to the "wrapper" section of the document.

> When the Ajax request is completed, the HTML code of Ajax Loader will be removed from the "wrapper" section of the document.

The next part of code contains functions which could be called from any place of the document. These functions are used for submitting and validation of the contact form.

```
43 /*----------Validation And Send Message Functions----------*/
44 function validateEmail() {
45     $email = $("#contact-email").attr("value");
46     jQuery.post("includes/validate_email.php",
47                     {email: $email},
48                     function (data) {
49                         if (data != 1) {
50                             $("#contact-email").addClass("required");
51                         };
52                         if (data == 1) {
53                             $("#contact-email").removeClass("required");
54                         };
55                     }
56                 );
57 }
58 function validateMessage() {
59     var $textarea = $("#contact-message")
60     message = $textarea.val();
61     if ($.trim(message).length < 10) $textarea.addClass("required");
62     else $textarea.removeClass("required");
63
64 }
```

> **validateEmail()** function is used for validating email field in the contact form. It uses Ajax request to the php script which returns "1" if the entered email address is correct and "0" if it's wrong. If it's wrong then the "required" class will be added to the email field (input field with a "**contact_email**" id attribute). Otherwise it will be removed.

> **validateMessage()** function is used for validating message area in the contact form. If the message contains less than 10 characters, then the "required" class will be added to the contact form **textarea** with a "**contact_message**" id attribute. Otherwise the "required" class will be removed.

```
65  function sendMessage() {
66      validateEmail();
67      validateMessage();
68      if (!$("#contact-form input,#contact-form textarea").hasClass("required")) {
69          name = $("input#contact-name").attr("value");
70          email = $("input#contact-email").attr("value");
71          subject = $("input#contact-subject").attr("value");
72          message= $("textarea#contact-message").val().replace(/<\/?[^>]+>/gi, '');
73          jQuery.post("includes/send_message.php",{name : name, email : email, subject : subject,
    message : message},
74              function (status) {
75                  $("#contact-form").fadeOut(600,function(){
76                      $(this).html(status);
77                      $(this).fadeIn(500)
78                  })
79              }
80          );
81      }
82  }
```

7. Ajax Contact Form

As mentioned above the php mailing script is located in the **includes/send_message.php** file. This script will send an e-mail message and will return mailing status message. Let's look at this script more closely:

```php
<?php
if (isset($_POST['name'])) $name = $_POST['name'];
if (isset($_POST['email'])) $email = $_POST['email'];
if (isset($_POST['subject'])) $subject = $_POST['subject'];
if (isset($_POST['message'])) $message = $_POST['message'];

$mail_to = "demo@idangero.us"; //change this email to yours

$message = stripslashes($message);
$headers = "From: ".$name." <".$email.">\r\n";
$headers .= "Reply-To: ".$email."\r\n";
$headers .= "X-Mailer: PHPMailer"."\r\n";
$headers .= "Content-Type: text/plain; charset=\"utf-8\"";
if (mail($mail_to, $subject, $message, $headers)) {
?>
<div class="mail-sent">
<h3>Thanks!</h3><h3>Your message has been successfully sent.</h4>
</div>
<?php
    }
else {
?>
<div class="mail-error">
<h3>Sorry!</h3><h3> Error occured. Try again later please.</h4>
</div>
<?php
    }
?>
```

Checking for existence of these variables.

Message will be sent to this e-mail address. So you have to change it to yours

Standard headers for the e-mail message.

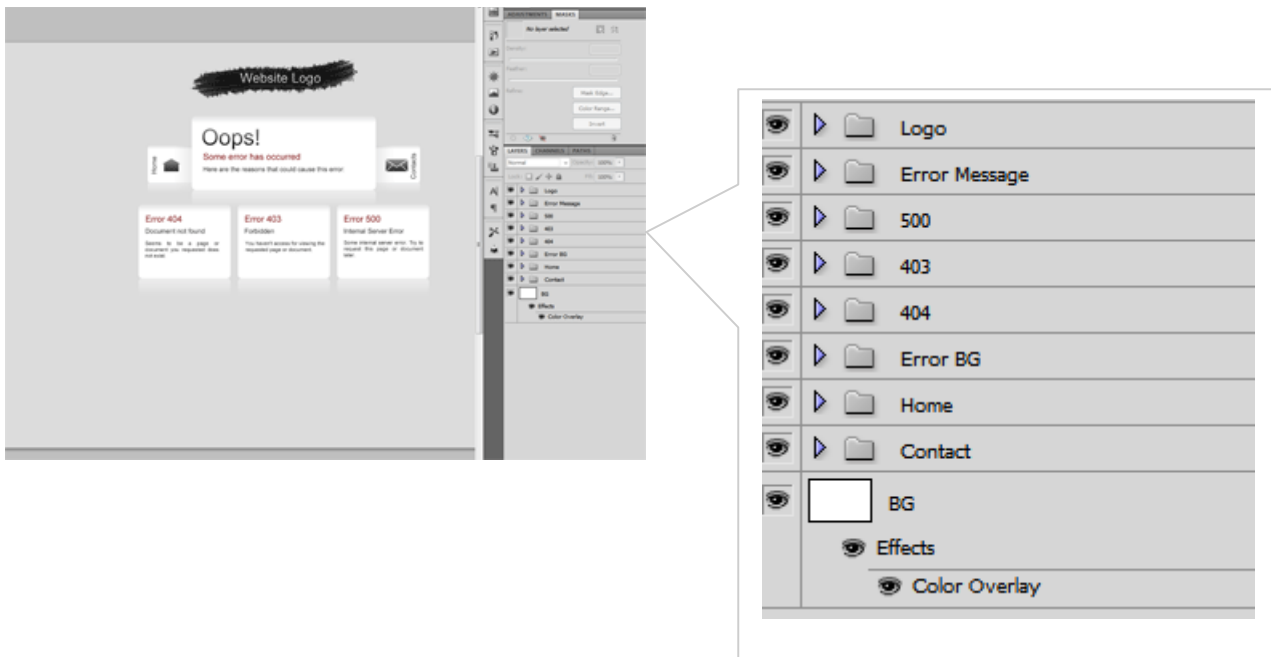If the message was successfully sent, the script will return this HTML message.

Otherwise script will return this HTML code with an error message.

You can easily edit this status messages using the any HTML formatting.

8. PSD Files & Structure

There is the one layered **.psd** file comes with the 404 E.P. template – **404_error.psd**. You can locate it into the **psd/** folder form the downloaded archive. Using this file you can easily redesign template. To edit this file you'll need an Adobe™ Photoshop™ (Recommended is CS4 or CS5 version)

404_error.psd file contains all general layouts for template styling:

All layers in this file are well organized and easy to understand and redesign.

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