

MPSOFTWARE

PHP Designer 2007

User Guide

Version 5 | Revision 1.2

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Chapter 1 - Introduction

1.1. Introduction

This chapter will introduce you to PHP Designer 2007.

1.2. Description

PHP Designer 2007 is a free/commercial Integrated Development Environment (IDE) for PHP for both beginner- and professional developers.

One of the strength in PHP lies in the ability to embed it into- and together with other web-languages, and this is why PHP Designer 2007 not only supports PHP but also other web-languages like HTML, MySQL, XML, CSS, JavaScript, VBScript, Java, C#, Perl, Python and Ruby!

PHP Designer 2007 is designed to boost your productivity and enhance the process of editing, debugging, analyzing and publishing application- and websites powered by PHP, HTML, MySQL, XML, CSS, JavaScript, VBScript, Java, C#, Perl, Python and Ruby!

The intuitive development environment makes it also the perfect IDE for beginners by providing code-tips and contextual help with access to more then 3000 functions on the fly.

The development environment is also ideal for LAMP and AJAX developers through the various built-in code-libraries and the Intelligent Highlighter, which gives you the ability to automatic separate different web-languages in the same document!

The philosophy behind PHP Designer 2007 is to make it, enjoyable to use for hours and hours for both beginners and professional developers through an easy-to-use-, intuitive-, streamlined-, sophisticated -, customizable- and tabbed interface!

To reflect and respect developers' different needs and purposes, PHP Designer 2007 comes in two editions, a free personal edition and a professional paid edition.

1.2.1. Professional Edition

The professional edition is enjoyable and efficient with demanding beginner-, experienced- and professional developers in mind., who needs a complete powerful integrated development environment (IDE) to accelerate the process of learning, writing, debugging, analyzing, and publishing applications and websites powered by PHP, HTML, MySQL, XML, CSS, JavaScript, VBScript, Java, C#, Perl, Python and Ruby!

The professional edition may be use for any commercial-, business-, educational-, institutional- and governmental purposes!

1.2.2. Personal Edition

The personal edition is a free simplified version that contains a smaller selection of features found in the professional edition.

Although the personal edition provides a smaller selection of features it is still a simple PHP IDE that is enjoyable and efficient with less experienced and demanding developers in mind who will need a simple but powerful development environment for learning writing applications and websites powered by PHP!

The personal edition gives you right to create works solely for your own personal use only. You may not use it or works created with it for any commercial, business, governmental or institutional purpose of any kind.

1.3. What is New in this Version?

5.0.2

September 5, 2006

- Improve bracket/brace highlighting
- Statement highlighting, example if you select "if" then it will also highlight "else"
- Improve the speed/performance when automatic detect new classes, functions and variables is on
- Filenames are now displayed correctly in the code inspector
- Included and required files are now displayed correctly in the code inspector
- Lookup keywords in the PHP Manual improved
- Save All
- File Association (dbl)
- Shortcut ALT+RETURN for break line

- Minor fixes

5.0.1

September 1, 2006

- Support for File Association through the Windows Explorer
- Support for single quotes in Echo and Print
- Minor fixes

5.0.0

August 21, 2006

- Improved the general performance, especially when opening multiple files
- A more intuitive interface
- Tabbed Document Navigation (reorders tabs on the fly, easily see if a document is modified or not, close button on each tab and support for right-click select!)
- Desktop Layout (saves and load different desktop layouts on the fly)
- Popup on various panel and toolbar elements
- Intelligent Highlighter (PHP, HTML, CSS, XML and JavaScript)
- Syntax Highlighters on the Fly
- Syntax Highlighter: Ruby and Python

- PHP Code Inspector (classes, functions and variables)
- PHP Code Tip (get help to complete user-defined functions in the document and from included documents)
- PHP Contextual Help (get help to more then 3000 functions on the fly, requires the free php manual)
- PHP Classes and Function Navigation Toolbar
- Convert to PHP
- Contextual Search with Google, MSN, Yahoo, AltaVista, Wikipedia and Koders
- Code Libraries (PHP, phpDocumentor, Smarty, SQL, HTML, XML, CSS, JavaScript, VBScript, Java, C#, Perl, Python & Ruby)
- Code Suggestions (insert user-defined functions, variables, HTML, Smarty and phpDocumentor)
- Code Auto Complete Wizard
- Access Code Type Information on the Fly
- Application Manager
- HTML Tidy
- File Browser (support for SVN and CVS icons)
- Project Manager
- ToDo Manager
- Bug Manager
- Inline ToDo Manager
- Inline Bug Manager
- Template Manager
- Code Snippet Manager (support for categories, drag & drop and easy conversion of text to code snippet)
- Preview (automatic deletes auto-generated temporarily files)
- Debug (automatic deletes auto-generated temporarily files)
- Localhost (automatic deletes auto-generated temporarily files)
- Extended Search and Replace
- Search in Files
- Quick Search
- Search Result Panel
- Search for PHP Classes, Functions and Variables
- Database Browser (phpMyAdmin)
- Database Connection Manager (MySQL, PostgreSQL and DBX)
- FTP Manager
- phpDocumentor Wizard
- phpDocumentor
- Smarty
- SSI
- JavaScript
- Doctype for XHTML 1.1 and XHTML 2.0
- Auto Indention
- Select Matching Brace/Brackets
- Jump to Matching Brace/Brackets
- Change Case (lowercase, uppercase and tags)
- Remove Empty Spaces

- Bookmarks (click on the gutter)
- Data Folder
- Show all supported file formats in the Open/Save dialog
- Duplicate File
- Print

- Support for the new Windows® Vista platform

- Numerous internal tweaks and trivial fixes!

1.4. Features

	Personal	Professional
Interface		
Native Themes and Windows XP Visual Styles	+	+
Tabbed Document Navigation	(+)	+
Drag- and Floatable Toolbars/Panels	+	+
Personalize - Fully-Customizable Workspace!	+	+
Desktop Layout Navigation	-	+
Advanced Editing		
Syntax Highlighters: PHP, SQL, HTML, XML, CSS, JavaScript, VBScript, Java, C#, Perl, Python & Ruby	(+)	+
Intelligent Highlighter (PHP, HTML, CSS, XML & JavaScript)	-	+
Code Tip & Inspector	+	+
AutoComplete & AutoCorrect	-	+
Highlight Matching Brace/Brackets	+	+
Automatic Close- & Indent Brace/Brackets	+	+
Bookmark Navigation	+	+
Advanced Printing	+	+
Extended Search and Replace	-	+
PHP		
Convert to PHP: Enclose with single- and double quotes, with linefeed, carriage return and tabs	+	+
PHP Statements (if, else, then, while...)	+	+
PHP Server Variables	-	+
HTML		
Link, Image, Table, List, Meta, Forms, Font & Flash Editor	+	+
Formattings	+	+
Color Editor and Picker	(+)	+
Debug & Preview		
Debug with the PHP Interpreter	+	+
Preview Localhost	-	+
Preview with Internet Explorer, Firefox, Netscape & Opera	-	+
Tools		
Code Libraries: PHP, phpDocumentor, Smarty, SQL, HTML, XML, CSS, JavaScript, VBScript, Java, C#, Perl, Python & Ruby	-	+
Code Snippets & Templates	-	+
Contextual Help (get help to more then 3000 functions on the fly)	-	+
Contextual Search (Google, MSN, Yahoo, AltaVista, Wikipedia, Koders)	-	+
File & FTP Browser	(+)	+

Database Browser (phpMyAdmin) & Connection Manager	-	+
Project Manager	-	+
ToDo & Bug Manager	-	+
Inline ToDo & Bug Manager	-	+
Application Manager	-	+
Date & Time Manager	+	+
Code Type Information	+	+
phpDocumentor	-	+
Smarty	-	+
SSI	-	+
CVS/SVN	-	+
HTML Tidy	-	+
Export to HTML, RTF and LaTeX	-	+
Conversion Tools	+	+
Services		
Free Updates (Hot Fixes)	-	+
14 Days Installation E-Support	-	+
3 Months Technical E-support	-	+
Purposes		
Non-Commercial and Educational use ONLY!	+	
Commercial, Business, Educational, Institutional and Governmental Purposes!	-	+

1.5. System Requirements

- Microsoft Windows® 2000, NT, XP, XP2 & Vista
- Pentium 300 MHz+
- 256MB RAM or higher
- 10MB Hard disk space
- PHP
- Microsoft Internet Explorer 4+ (for internal preview)

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You can order your copy of the software at www.mpssoftware.dk

During the evaluation period, you may use the software on as many different computers as you like.

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- f. You may not decompile, reverse engineer, disassemble or otherwise reduce this software to a human perceivable form.

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Internet: <http://www.mpssoftware.dk>

Email: mpssoftware@mpssoftware.dk

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Internet: <http://www.mpssoftware.dk> | Email: mpsoftware@mpsoftware.dk

1.8. Installation & Technical E-Support

PHP Designer 2007 - Professional includes installation and technical e-support available by:

- Website: www.mpssoftware.dk
- Email: mpssoftware@mpssoftware.dk

Please include the following information when requesting e-support:

- Your username and email (from registration mail)
- A full description of the problem

Before requesting any e-support, please ensure that you are using the latest version available at www.mpssoftware.dk.

1.9. About

MPSOFTWARE is an abbreviation of **Michael Pham Software**, started back in 1998, as a hobby for me trying to learn developing useful software products for web-developers.

The goal is to design and develop enjoyable, yet powerful, intuitive and good-looking software products that improve and accelerates the productivity for both beginner- and professional web-developers all around the world.

Today, 8 years later and still privately held in Denmark (Scandinavian), things have evolved quite a bit farther, with millions of downloads worldwide with a market penetration in more than 125 countries!

The flagship product is PHP Designer 2007, a powerful development IDE for PHP and other web-languages.

The first release of PHP Designer was back in 2003. Today, it has evolved into being the flagship product and one of the most popular products for developing application- and websites powered by PHP by meeting both beginners' and professional developers' growing expectations and needs!

In June 2006, I finished my BSc in Business Economics and Computer Science at Copenhagen Business School.

I then had to decide what I wanted to do with my life now... and during the last 8 years it has always been a dream of mine to make a career out of developing and maintaining a software product like PHP Designer 2007!

What could be better than that?

1.10. Third Parties

PHP Designer 2007 includes software components developed by the following third parties:

- **SynEdit (Unicode) developed by Martin Waldenburg and its contributors**
Mozilla Public License 1.0
<http://synedit.sourceforge.net>
- **JEDI Visual Component Library developed by the JVCL Team**
Mozilla Public License 1.0
<http://homepages.borland.com/jedi/jvcl>
- **Toolbar2000 developed by Jordan Russell**
Shareware / GNU General Public License (GPL)
<http://www.jrsoftware.org/tb2k.php>
- **TBX developed by Alex A. Denisov**
Freeware
<http://www.g32.org/tbx/index.html>
- **TBX Themes developed by Roy Magne Klever**
Freeware
<http://www.rmklever.com>
- **SpTBXLib developed by the Silverpoint Development**
Mozilla Public License 1.0
<http://club.telepolis.com/silverpointdev>
- **MXS Color Lib Pack developed by Marko Binic**
Freeware
<http://mxs.bergsoft.net>
- **VirtualShellTools by Jim Kueneman**
Mozilla Public License 1.1
<http://www.mustangpeak.net>
- **TmxWebUpdate developed by the MaxComponents**
Freeware
<http://www.maxcomponents.net>

Thanks to the groups and individuals above for their contributions!

Chapter 2 - Registration

2.1. Introduction

This chapter will introduce you how to order PHP Designer 2007 - Professional.

2.2. Purchasing

You may try PHP Designer 2007 - Professional free for 30 days!

You are encouraged very much to use this opportunity to make sure, that PHP Designer 2007 - Professional runs without any problems on your computer and that it meets your expectations before ordering it!

You are required to order and register your copy of PHP Designer 2007 - Professional if you wish to continue using the software after the evaluation period has ended.

Otherwise, you must delete or uninstall PHP Designer 2007 - Professional from your computer.

After you have successfully completed the purchase, payment and verification process, you will receive an e-mail within 1-5 business-days (normally 1-2 business-days!) containing:

- Your username and registration-key to unlock PHP Designer 2007 - Professional
- A guide to unlock PHP Designer 2007 - Professional with your username and registration-key
- Invoice

Your order is *binding* to you when:

- You have successfully completed the purchase, payment and verification process
- The registration e-mail is sent to you, containing your username and registration-key

You can order you copy of PHP Designer 2007 - Professional securely online at www.mpssoftware.dk.

All payments are handling through PayPal - The global leader in online payment solutions with 100 millions account members worldwide! This is your guarantee for a safe and secure order!

Your order will help maintain, improve and develop new features in the future!

2.3. Pricing

All information about pricing is always available online at www.mpssoftware.dk.

2.4. Payment and Delivering

All payments are handling through PayPal - The global leader in online payment solutions with 100 millions account members worldwide! This is your guarantee for a safe and secure order!

After you have successfully completed the purchase, payment and verification process, you will receive an e-mail within 1-5 business-days (normally 1-2 business-days!) containing:

- Your username and registration-key to unlock PHP Designer 2007 - Professional
- A simple guide to unlock PHP Designer 2007 - Professional with your username and registration-key
- Invoice

Your order is *binding* to you when:

- You have successfully completed the purchase, payment and verification process
- The registration e-mail is sent to you, containing your username and registration-key

2.4.1. PayPal

PayPal, the trusted leader in online payments, enables buyers and businesses to send and receive money online. PayPal has over 100 million member accounts in 55 countries and regions¹.

2.4.2. PayPal accepts the following cards/payments:

- VISA
- MasterCard
- American Express
- Discover

- PayPal

¹ Source: <http://www.paypal.com/cgi-bin/webscr?cmd=p/gen/about-outside>

2.4.3. What is the benefit of using PayPal?

- **It's Fast**
Payments are made immediately, quicker than sending checks or money orders.
- **It's Private**
PayPal does not reveal your financial information to sellers.
- **It's Global**
PayPal is accepted worldwide, and can be used to make payments locally or internationally.
- **It's Easy**
Send money to anyone in just a few clicks.
- **It's Trusted**
Industry-leading fraud prevention keeps you safe and secure.
- **It's Cost-Effective**
It's free to send money, and PayPal is affordable for businesses of all sizes.

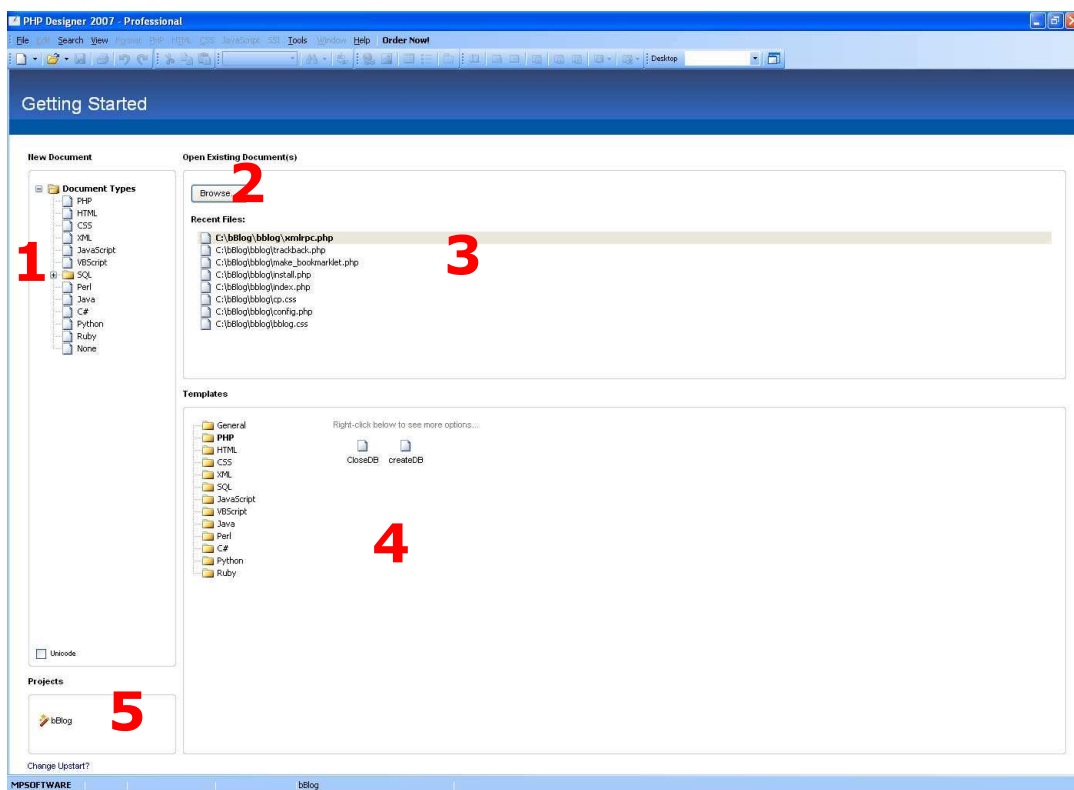
Chapter 3 - Environment

3.1. Introduction

This chapter will introduce you to the environment in PHP Designer 2007.

3.1.1. The Getting Started Window

The Getting Started window enables you to get started easily on new and existing documents and projects.

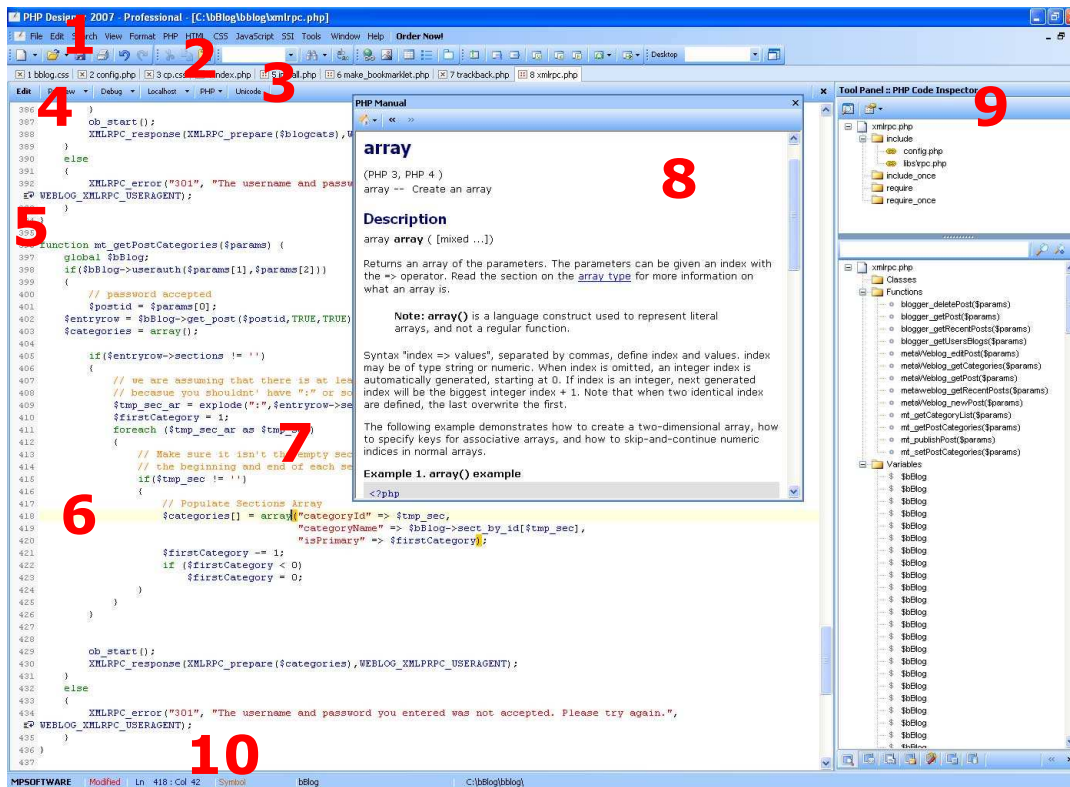


The Getting Started Window consists of the following elements:

1. Create a new empty PHP, HTML, SQL, XML, CSS, JavaScript, VBScript, Java, C#, Perl, Python or Ruby document
2. Browse and open an existing document on your file system
3. An overview over the last 20 opened documents
4. Create a new document based on a template
5. An overview over available projects

3.1.2. The Edit Window

The Edit Window enables you to edit new and existing documents.



The Edit Window consists of the following elements:

1. The Menus gives you access to all procedures
2. The Toolbars gives you access to common procedures.
3. Open multiple documents with tabbed browsing. Each tab represents an open document and the colored button next to filename indicates if the document is modified or not. Re-order the tabs by simply drag them to the new position!
4. Change mode and document options on the fly
5. The gutter indicates the line numbers and word-wraps in the document. This feature can be turn off in the preferences
6. The current active line is highlighted with a different color then the rest of the document. This feature can be turn off in the preferences
7. The syntax coloring of your code makes it easier to edit and understand

8. You can access contextual help on the fly (only PHP). This feature requires that you download the free PHP manual from <http://www.php.net/download-docs.php>

9. The Tool Panels consist of seven different panels:
 - PHP Code Inspector
 - Code Libraries
 - Code Snippets
 - File Browser
 - Projects
 - Templates
 - Database Connections

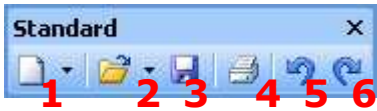
The Tool Panels is dockable. To dock or undock the Tool Panels, click on the title bar and drag it.

10. The Status Bar indicates, if the document is modified, the current cursor position, the current code attribute, if a project is loaded or not and the document path.

3.2. Toolbars

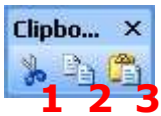
The toolbars gives you access to common procedures. All toolbars is dockable. To dock or undock a toolbar, click on the title bar and drag it. To close a toolbar, click on the cross in the title bar.

3.2.1. Standard



1. Create a new document.
2. Open an existing document.
3. Save document.
4. Print document.
5. Undo
6. Redo

3.2.2. Clipboard



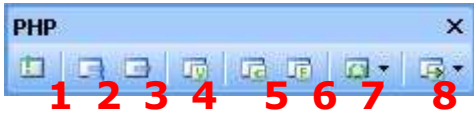
1. Cut selected text to the clipboard.
2. Copy selected text to the clipboard.
3. Paste text from the clipboard into the document.

3.2.3. Search



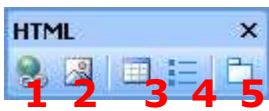
1. Enter the text you would like to search for or access the search history by clicking the on the drop-down button. Press Enter to begin your search.
2. Click this button to begin your search. You can customize the search by clicking on the drop-down button.
3. Open the replace text dialog.

3.2.4. PHP



1. Insert a PHP define tag: `<?php ?>`
2. Comment – Insert or mark the selected text with `/* */`
3. Comment – Insert or mark the selected text with `//`
4. Insert a variable
5. Insert a class
6. Insert a function
7. Click on the drop-down button to insert a statement
8. Click on the drop-down button to convert text to PHP

3.2.5. HTML



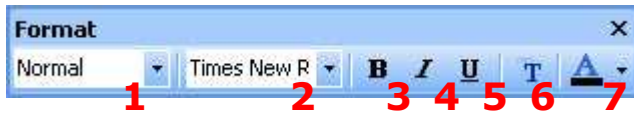
1. Insert a hyperlink
2. Insert a picture
3. Insert a table
4. Insert a list
5. Insert a layer

3.2.6. Forms



1. Insert a form
2. Insert a text field
3. Insert a text area
4. Insert a password field
5. Insert a push button
6. Insert a submit button
7. Insert a reset button
8. Insert a image button
9. Insert a radio button
10. Insert a check button
11. Insert a combo box
12. Insert a insert file upload field
13. Insert a hidden field

3.2.7. Format



1. Format style
2. Font name
3. Bold
4. Italic
5. Underline
6. Font editor
7. Color editor and color picker

3.2.8. Paragraph



1. Left alignment
2. Center alignment
3. Right alignment
4. Justify alignment
5. Paragraph

3.2.9. Window



1. Previous document
2. Next document
3. Tile documents horizontal
4. Tile documents vertical
5. Arrange documents

3.2.10. Desktop Layout



1. Use the drop-down button to select and set stored desktop layout
2. Save current desktop layout

3.2.11. Document Mode and Options on the Fly



1. In **Edit** mode, you can edit your document.
2. In **Preview** mode, you can preview your files in the internal browser or use the drop-down button preview your document in an external browser. These browsers are Internet Explorer, Firefox, Opera and Netscape.

Note! The Preview mode is typical used for HTML and XML files.

3. In **Debug** mode, you debug and see the result of the debug. This feature requires the PHP interpreter from the PHP installation.

Note! The Debug mode is only for PHP files.

4. In **Localhost** mode, you can preview your files stored documents in your localhost directory or use the drop-down button preview your document in an external browser. These browsers are Internet Explorer, Firefox, Opera and Netscape.

Note! The Localhost mode requires a local web server.

Note! The Localhost mode is typical used PHP files.

5. Change the document syntax highlighter on the fly. The following syntax highlighters are supported:

- Intelligent Highlighter (PHP, HTML, XML and JavaScript)
- PHP, HTML, SQL, XML, CSS, JavaScript, VBScript, Java, C#, Perl, Python or Ruby

6. This button indicates and enables you to store the document in the Unicode format. The default format is ANSI.

Note! The debug (The PHP Interpreter, PHP > 5) does not support documents in Unicode format.

7. Close the current document.

3.3. Panels

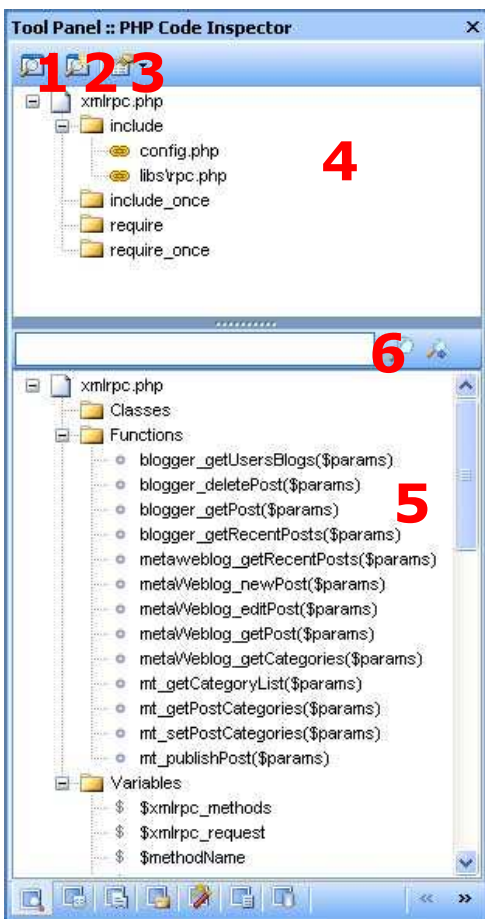
The Tool Panels consist of seven different panels that you can access on the fly. The Tool Panels is dockable. To dock or undock the Tool Panels, click on the title bar and drag it.

3.3.1. PHP Code Inspector

The PHP Code Inspector panel enables you to open included and required files, navigate to classes, functions and variables within your PHP files. The included files, classes, functions and variables can be stored in the following modes:

- Hierarchically as they appear in the document
- Alphabetic sorted

On the **View** menu, click **Panels** and then **PHP Code Inspector** (shortcut: Shift + F2)



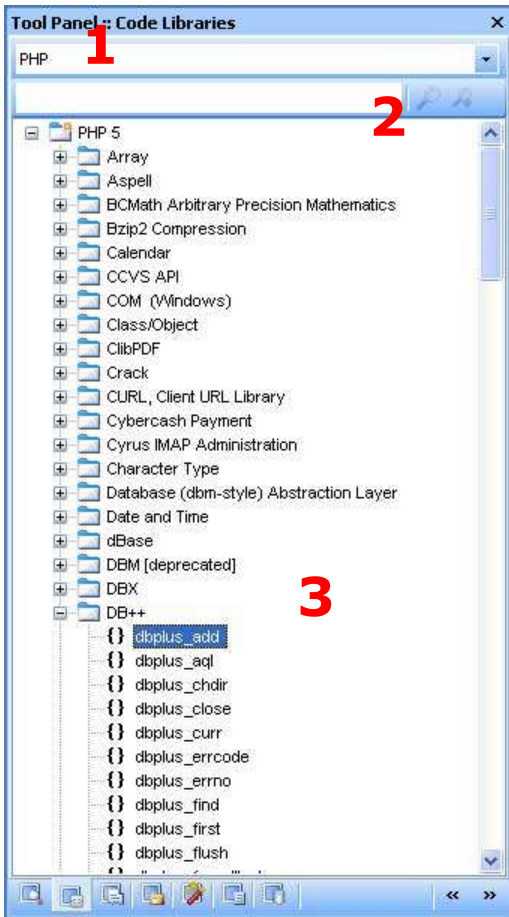
The PHP Code Inspector panel consists of the following elements:

1. Refresh the PHP Code Inspector
2. Automatic detect new classes, functions and variables in the document
3. Sort listed items, expand variables, include all variables and only include assigned variables
4. Included and required files in the document, open these files by clicking on them
5. Classes, functions and variables in the document, click on the elements to navigate to them.
6. Search for classes, functions and variables in the document

3.3.2. Code Libraries

The Code Libraries panel enables you to access functions, constants and reserved keywords for the following libraries: PHP, phpDocumentor, Smarty, HTML, CSS, JavaScript, VBScript, SQL, Perl, Java, C#, Python and Ruby

On the **View** menu, click **Panels** and then **Code Libraries** (shortcut: Shift + F3)



The Code Libraries window consists of the following elements:

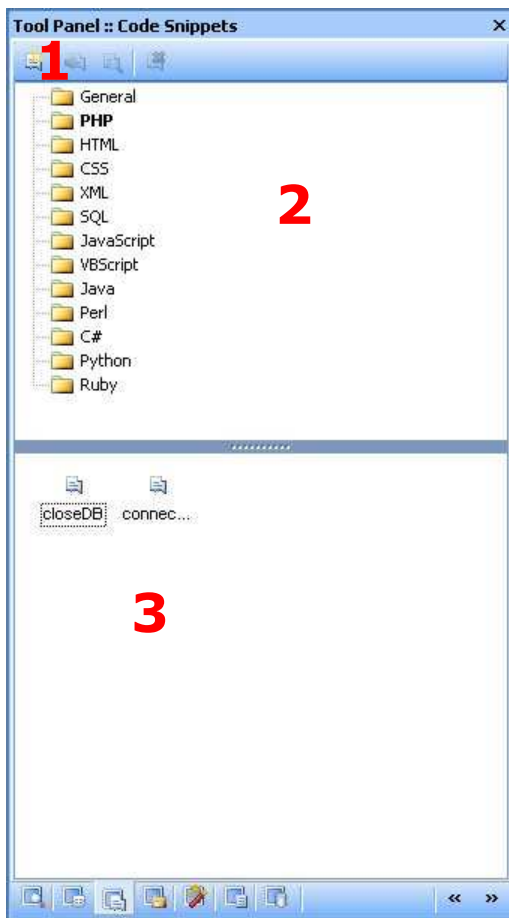
1. Select the code library
2. Search the code library
3. The code library, click on the functions, constants or reserved keywords to insert it into your document.

3.3.3. Code Snippets

The Code Libraries panel enables you to create and insert code snippets directly into your document.

You can categorize the code-snippets in the following categories: General, PHP, HTML, CSS, XML, SQL, JavaScript, VBScript, Java, Perl, C#, Ruby and Python.

On the **View** menu, click **Panels** and then **Code Snippets** (shortcut: Shift + F4)



The Code Snippets panel consists of the following elements:

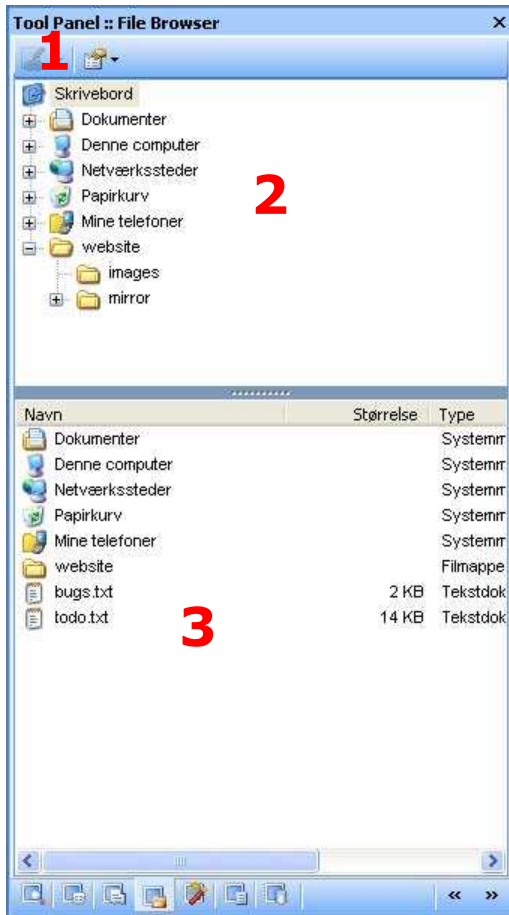
1. Buttons: Create code snippet, insert code snippet, edit code snippet and delete code snippet
2. Code snippet categories
3. Code snippet in the selected category

3.3.4. File Browser

The File Browser panel enables you to access your file system and open existing document.

On the **View** menu, click **Panels** and then **Code Snippets** (shortcut: Shift + F5)

Note! The File Browser does also display icons for SVN and CVS!



The File Browser window consists of the following elements:

1. Buttons: Open selected file, insert filename, favorite directory and file display options.
2. Directories
3. Directories and files

3.3.5. Projects

The Projects panel enables you to access and manage your projects.

On the **View** menu, click **Panels** and then **Projects** (shortcut: Shift + F6)

Note! The Project Browser does also display icons for SVN and CVS!



The Projects panel consists of the following elements:

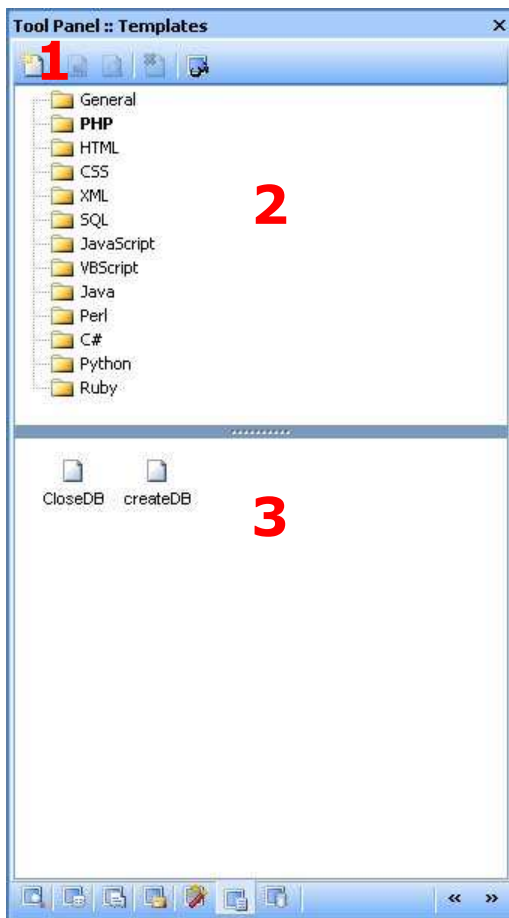
1. Buttons: Manage your projects, import folder(s) and file(s) to the project, selected file, insert filename and file display options.
2. Directories
3. Sub-directories and files

3.3.6. Templates

The Templates panel enables you to create new documents based on your own templates.

You can categorize the templates in the following categories: General, PHP, HTML, CSS, XML, SQL, JavaScript, VBScript, Java, Perl, C#, Ruby and Python.

On the **View** menu, click **Panels** and then **Templates** (shortcut: Shift + F7)



The Templates panel consists of the following elements:

1. Buttons: Create a new template, create a new document based on the selected template, edit template, and delete template and Unicode enable/disable.
2. Template categories
3. Templates in the selected category

3.3.7. Database Connections

The Database Connections panel enables you to insert a connection code to your databases in the following formats: MySQL, PostgreSQL and DBX.

On the **View** menu, click **Panels** and then **Database Connections** (shortcut: Shift + F8)



The Database Connections panel consists of the following elements:

1. Buttons: Create a new database connection, edit database connection, insert connection code to selected database and delete database connection.
2. An overview over your database connections

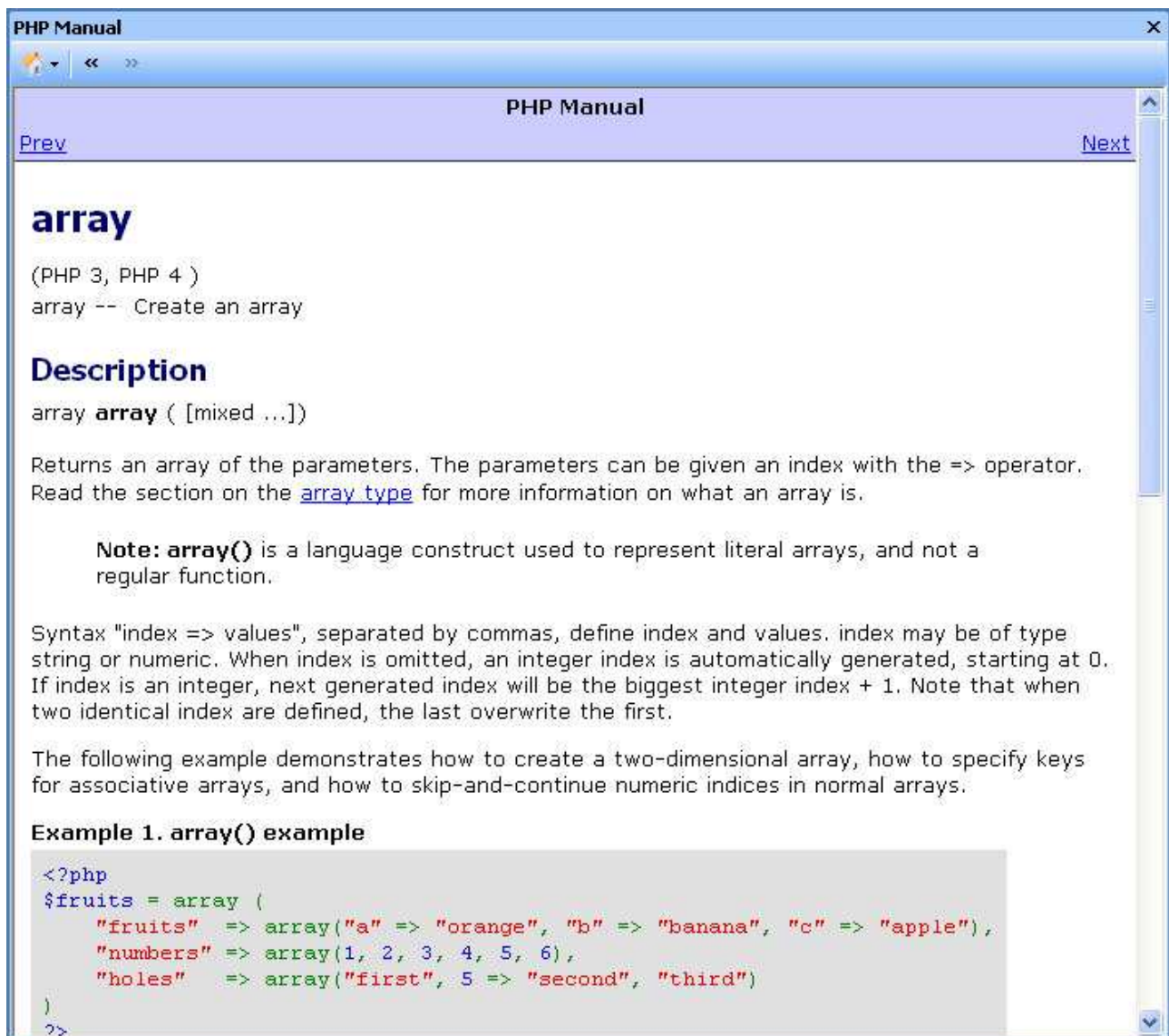
3.3.8. PHP Manual

If you have downloaded the PHP manual from <http://www.php.net/download-docs.php> you can contextual access this manual inside PHP Designer 2007.

You can contextual access the PHP manual by:

- Press F1 on the word you like to lookup
- Right-click on the word you like to lookup in the edit window and select "Lookup function..."

On the **View** menu, click **PHP Manual** (shortcut: Shift + F9)



3.3.9. ToDo Manager

You can use the ToDo Manager to manage your workload and set schedules for your documents and projects.

The ToDo Manager is dockable. To dock or undock the ToDo Manager, click on the title bar and drag it.

On the **View** menu, click **ToDo Manager** (shortcut: Shift + F11)

On the **Tools** menu, click **ToDo Manager** (shortcut: Shift + F11)

Note! You can right-click on the ToDo Manager to see more options.

Name	Project	Status	Start	End	Description	Filename	Priority	Complete %
Debug	bBlog	In Progress	02-08-2006	03-08-2006	Debug function blogger_getUsersBlo...	C:\bBlog\bblog\xmlrpc.php	Normal	40

Todo Inline Todo :: xmlrpc.php

3.3.10. Inside ToDo Manager

The Inside ToDo Manager enables you to insert special formatted comments inside your documents so you can easily manage your workload and navigate to these comments. The comments have the following formats:

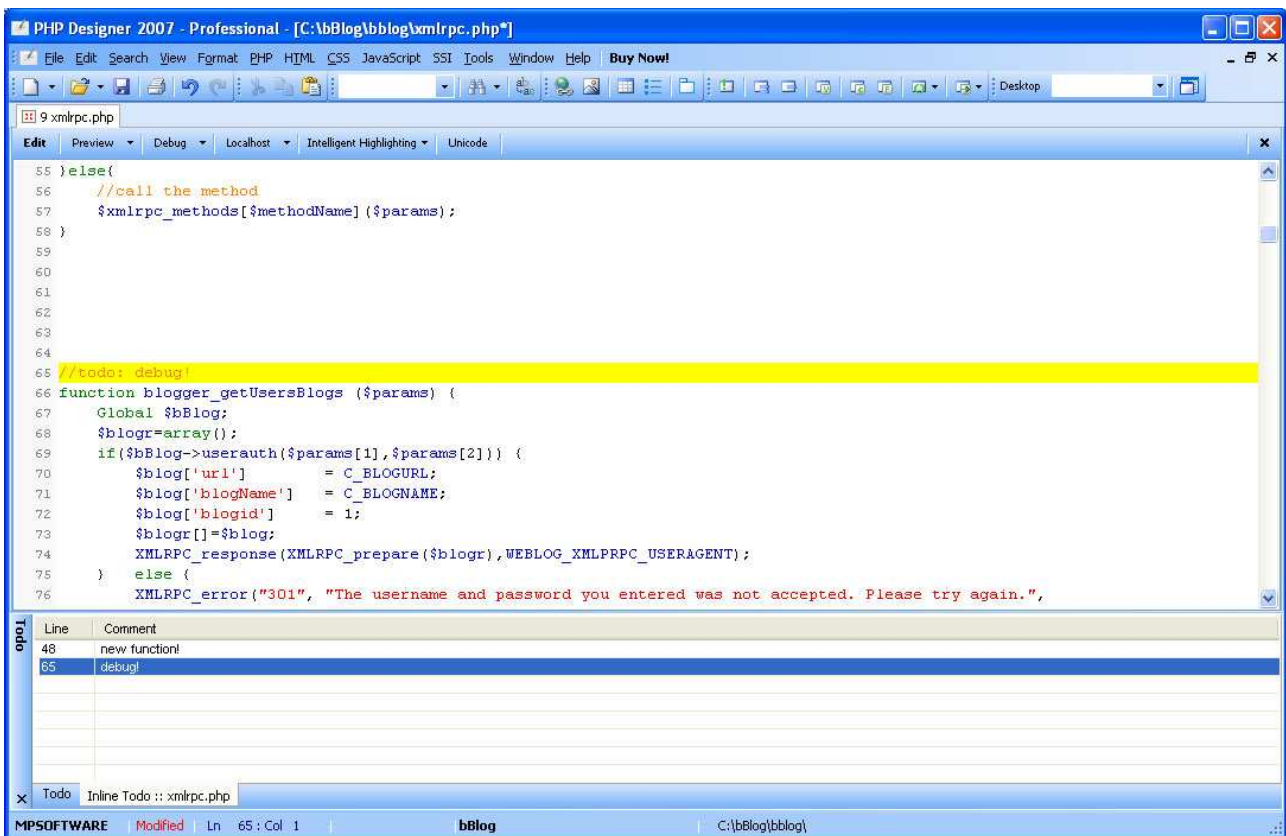
- `//TODO:` Description goes here... (PHP)
- `<!--TODO:` Description goes here... --> (HTML)

The Inside ToDo Manager is dockable. To dock or undock the Inside ToDo Manager, click on the title bar and drag it.

On the **View** menu, click **Inside ToDo Manager**

On the **Tools** menu, click **Inside ToDo Manager**

Note! You can right-click on the Inside ToDo Manager to see more options.



3.3.11. Bug Manager

You can use the Bug Manager to manage your workload and set schedules for bugs in your documents and projects.

The Bug Manager is dockable. To dock or undock the Bug Manager, click on the title bar and drag it.

On the **View** menu, click **Bug Manager** (shortcut: Shift + F12)

On the **Tools** menu, click **Bug Manager** (shortcut: Shift + F12)

Note! You can right-click on the Bug Manager to see more options.

Name	Project	Status	Description	Resolution	History	Filename	Version	Priority	Severity	Platform	Operating Syst...	Assigned to	Milestone
error	bBlog	INPROGEESS	there is a error ...		n/a	c:\bBlog\bBlog...	2	High	Significant	All (cross-platfo...		Deferred	n/a

Bug Inline Bug :: xmlrpc.php

3.3.12. Inside Bug Manager

The Inside Bug Manager enables you to insert special formatted comments inside your documents so you can easily manage your bugs and navigate to these comments. The comments have the following formats:

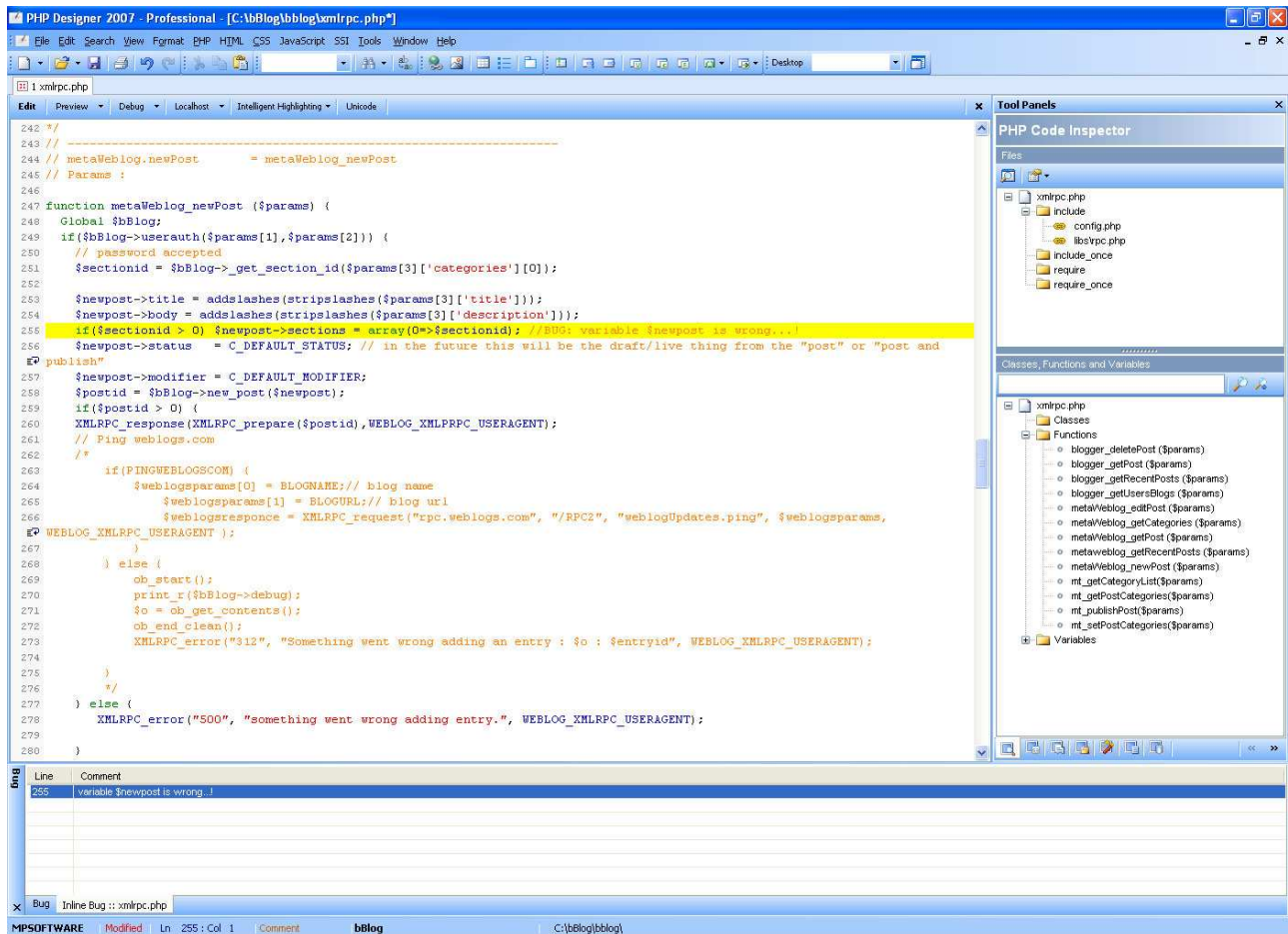
- **//Bug:** Description goes here... (PHP)
- **<!--BUG:** Description goes here... --> (HTML)

The Inside Bug Manager is dockable. To dock or undock the Inside Bug Manager, click on the title bar and drag it.

On the **View** menu, click **Inside Bug Manager**

On the **Tools** menu, click **Inside Bug Manager**

Note! You can right-click on the Inside Bug Manager to see more options.



3.3.13. Debug

Debug your PHP files for any syntax errors and preview the output with the PHP Interpreter. The debug feature requires that you have the PHP installed on your computer available free at www.php.net.

XAMPP and EasyPHP are both easy ways to install Apache with PHP and MySQL on your computer!

XAMPP: <http://www.apachefriends.org/en/xampp.html>

EasyPHP: <http://www.easyphp.org>

Debug and view the result of your documents in the internal web-browser or in your favorite web-browser by either:

On top of the **Edit window**, click the **Debug Tab** (shortcut: F5)

On the **Tools** menu, click **Debug** (shortcut: F5)

If you like to debug with other parameters then the standard parameters do the following:

On the **Tools** menu, click **Debug with parameters...** and enter your parameters. More information about the supported parameters can be found in the documentation that comes with the PHP package.

If the compiler and debugger found any errors in a document, all errors will be listed in the Debug Panel.

1. In the **Debug Panel**, select the error to solve or navigate too.
2. Double-click or press Enter to jump to the current error in the document.

Note! The Debug Panel is dockable. To dock or undock the Debug Panel, click on the title bar and drag it.

3.3.14. Search Results

The result of the extended search, search and replace and find in files will be displayed in the Search Result Panel.

On the **View** menu, click **Search Result**

Note! The Search Result Panel is dockable. To dock or undock the Search Result Panel, click on the title bar and drag it.

3.3.15. Database Browser

Browse and execute database(s) directly within the program with the embedding of the phpMyAdmin.

On the **Tools** menu, click **phpMyAdmin...**

In order to use the embedded phpMyAdmin you must configure PHP Designer 2007 to work with it.

1. On the **Tools** menu, point to **Preferences** (CTRL+E)
2. Use the left menu and navigate to **Integration**
3. Type in the **URL**, to the your phpMyAdmin
4. Click **Ok**.

PhpMyAdmin is available free at www.phpmyadmin.net

Note! The Search Result Panel is dockable. To dock or undock the Search Result Panel, click on the title bar and drag it.

Chapter 4 - Working with Files

4.1. Introduction

This chapter will introduce you to work with files in PHP Designer 2007.

4.2. Start a New File

Create a new file from scratch or from your own templates. You can create the following file types in PHP Designer 2007:

- PHP
- SQL
- HTML
- XML
- CSS
- JavaScript
- VBScript
- Java
- C#
- Perl
- Python
- Ruby

4.2.1. Create a New File

1. On the **File** menu, click **New...** (shortcut: **CTRL+N**)
2. Select the type of the file
3. If you like to have the file format as Unicode, then **check the Unicode** box otherwise the **default format is ANSI**
4. Click **OK**

4.2.2. Create a New File based on a Template

1. On the **Getting Started** window, select the type of the file in the category/folder
2. If the selected category/folder contains one or more templates then **double-click** on that template you wish to use for a new document

4.2.3. Open an Existing Local File

File menu:

1. On the **File** menu, click **Open...** (shortcut: **CTRL+O**)
2. Browse your local system for the file(s) you wish to open
3. Click **OK**

Tool Panel:

1. On the **Tool Panels**, select the **File Browser** tab
2. Browse your local system for the file(s) you wish to open
3. **Double-click** on the file you wish to open

Getting Started:

1. In the **Getting Started** window, click the button **Browse...**
2. Browse your local system for the file you wish to open
3. **Double-click** on the file you wish to open

Drag-and-drop:

1. Select the file(s) from your file system (e.g. from Windows Explorer)
2. Drag and drop the file(s) inside PHP Designer 2007

4.2.4. Open a Recent File

1. In the **Getting Started** window, select the recent file you wish to open
2. **Double-click** on the recent file you wish to open

4.3. Working with Templates

You can create a new document based on your own templates in the Getting Started window and in the Tool Panels.

You can categorize the templates in the following categories:

- General
- PHP
- HTML
- CSS
- XML
- SQL
- JavaScript
- VBScript
- Java
- Perl
- C#
- Ruby
- Python

On the **View** menu, click **Panels** and then **Templates** (shortcut: Shift + F7)

4.3.1. Create a New Template

Getting Started:

1. In the **Getting Started** window, select the category for the new template and then **right-click** in the area below the label that says "**Right-click below to see more options**" and select "**Create a New Template...**"
2. In the **Name**, type in the name for the new template
3. In the **Content**, type in the content of the new template
4. Click **Ok**

Tool Panels:

1. In the **Tool Panels → Templates**, select the category for the new template and then **right-click** and select "**Create a New Template...**"
2. In the **Name**, type in the name for the new template
3. In the **Content**, type in the content of the new template
4. Click **Ok**

4.3.2. Edit an Existing Template

Getting Started:

1. In the **Getting Started** window, select the category where the existing template is stored and then **right-click** in the area below the label that says “**Right-click below to see more options**” and select “**Edit Template...**”
2. In the **Name**, type in the new name for the existing template
3. In the **Content**, type in the content of the existing template
4. Click **Ok**

Tool Panels:

1. In the **Tool Panels → Templates**, select the category where the existing template is stored and then **right-click** and select “**Edit Template...**”
2. In the **Name**, type in the new name for the existing template
3. In the **Content**, type in the content of the existing template
4. Click **Ok**

4.3.3. Start a New File from a Template

Getting Started:

1. In the **Getting Started** window, select the category where the existing template is stored
2. **Double-click** on the existing template you wish base the new file on

Tool Panels:

1. In the **Tool Panels → Templates**, select the category where the existing template is stored
2. **Double-click** on the existing template you wish base the new file on

4.3.4. Delete an Existing Template

Getting Started:

1. In the **Getting Started** window, select the category where the existing template is stored
2. **Right-click** on the existing template you wish to delete and select “**Delete Template...**”

Tool Panels:

1. In the **Tool Panels → Templates**, select the category where the existing template is stored
2. **Right-click** on the existing template you wish to delete and select “**Delete Template...**”

4.4. Working with Projects

Working with projects enables you to define a working workspace using your file system. You can access your project through the Getting Started window and in Tool Panels.

On the **View** menu, click **Panels** and then **Projects** (shortcut: Shift + F6)

4.4.1. Create a New Project

Getting Started:

1. In the **Getting Started** window, **right-click** in the project area, and select "**Project Manager...**"
2. Click the button "**New...**"
3. In the **Project name**, type in the name for the new project.
4. In the **Project Root Folder**, type in the path for the project root, or click the Browse button to locate the path.
5. In the **File**, type in the file filters for the project
6. Click **Ok**.

Tool Panels:

1. In the **Tool Panels → Projects**, **right-click** and select "**Project Manager...**"
2. Click the button "**New...**"
3. In the **Project name**, type in the name for the new project.
4. In the **Project Root Folder**, type in the path for the project root, or click the Browse button to locate the path.
5. In the **File**, type in the file filters for the project
6. Click **Ok**.

4.4.2. Edit an Existing Project

Getting Started:

1. In the **Getting Started** window, **right-click** in the project area, and select "**Project Manager...**"
2. Select the project you wish to change
3. Click the button "**Edit...**"
4. In the **Project name**, type in the new name for the new project.
5. In the **Project Root Folder**, type in the new path for the project root, or click the Browse button to locate the path.
6. In the **File**, type in the new file filters for the project
7. Click **Ok**.

Tool Panels:

1. In the **Tool Panels → Projects**, **right-click** and select "**Project Manager...**"
2. Select the project you wish to change
3. Click the button "**Edit...**"
4. In the **Project name**, type in the new name for the new project.
5. In the **Project Root Folder**, type in the new path for the project root, or click the Browse button to locate the path.
6. In the **File**, type in the new file filters for the project
7. Click **Ok**.

4.4.3. Open Project

Getting Started:

1. In the **Getting Started** window, in the project area, select the project you wish to open
2. Double-click on the project to open it

Tool Panels:

1. In the **Tool Panels → Projects**, in the project area, select the project you wish to open
2. Double-click on the project to open it

4.4.4. Delete Project

Getting Started:

1. In the **Getting Started** window, **right-click** in the project area, and select "**Project Manager...**"
2. Select the project you wish to delete
3. Click the button "**Delete...**" and confirm

Tool Panels:

1. In the **Tool Panels → Projects**, **right-click** and select "**Project Manager...**"
2. Select the project you wish to delete
3. Click the button "**Delete...**" and confirm

4.5. Data Folder

This is the folder where all your personal settings for PHP Designer 2007 are stored.

On the **File** menu, click **Data Folder...**

4.6. File Format

Files can be stored in the following file format:

- Windows
- Linux
- Macintosh

On the **File** menu, click **File Format** and select **Windows, Linux or Mac**

4.7. Duplicate File

Duplicate a full copy of the current file.

On the **File** menu, click **Duplicate File**

On the **Tab** menu, right-click and select **Duplicate File**

4.8. Revert File

Revert the current file, if the file has been changed since it has been loaded you will be asked if these changes should be saved.

On the **File** menu, click **Revert File**

4.9. Rename File

Rename the name of the current file and its file extension.

On the **File** menu, click **Rename File**

4.10. Export to HTML, RTF or LaTeX

Export the current file with syntax coloring schemes to the following formats:

- HTML
- RTF
- LaTeX

On the **File** menu, click **Export to HTML...**, **Export to RTF...** or **Export to LaTeX...**

4.11. FTP Browser

The FTP Browser enables you to browse files and directories on a FTP server account.

To see more options, right-click in on the FTP browser. If you wish to upload, any files simply drag and drop them from the File Browser in to the FTP Browser.

On the **Tools** menu, click **FTP Browser (built-in)...**

4.12. Application Manager

Open your documents in PHP Designer 2007 with external programs.

On the **Tools** menu, click **Application Manager...**

Chapter 5 - Working with Tools

5.1. Introduction

This chapter will introduce you how to work with tools available in PHP Designer 2007.

5.2. Tools

It is recommended that you setup and configure the following tools on your computer and in the editor preferences to get the most out of PHP Designer 2007:

- **Web Browsers**

Preview your documents in different web browsers

- **Compile and Debug**

Compile and preview the result of your documents or debug your documents for any syntax errors. This feature requires that you have the PHP package installed local on your computer available free at <http://www.php.net>.

- **Localhost**

Preview your documents in your Localhost. This feature requires that you have a web service, for example. Apache with at least the PHP package installed.

XAMPP and EasyPHP are both easy ways to install Apache with PHP and MySQL on your computer!

XAMPP: <http://www.apachefriends.org/en/xampp.html>

EasyPHP: <http://www.easyphp.org>

- **Help Manuals**

Access the contextual help with access to more then 3000 methods on the fly! This feature requires that you have the PHP manual available free at <http://www.php.net/download-docs.php>.

- **Online Search Engines**

Rapidly lookup a word or a function while programming on the Internet using your favorite search engines.

5.3. Web Browsers

Preview your documents in the following external web-browsers:

1. Internet Explorer
2. Firefox
3. Netscape
4. Opera

5.3.1. Configure the web-browser(s)

Before previewing any documents in any external web-browser, the current web-browser must be installed on your computer and configure PHP Designer 2007 to work with these web-browsers.

1. On the **Tools** menu, point to **Preferences** (CTRL+E)
2. Use the left menu and navigate to **Preview → Browsers**
3. Type in the **path of the .exe file for the web-browser**, or click the Browse button to locate the file
4. Click **Ok**

Hint! PHP Designer 2007 will automatic try to detect your installed browsers, and configure itself to work with these browsers.

5.3.2. Previewing documents in your favorite web-browser

Preview documents in your favorite web-browsers by using the submenu on the following tabs on top of the Edit window:

- **Preview**
- **Debug**
- **Localhost**

5.3.3. More information

1. Internet Explorer: <http://www.microsoft.com/windows/ie/default.msp>
2. Firefox: <http://www.mozilla.com/firefox/>
3. Netscape: <http://www.netscape.com/>
4. Opera: <http://www.opera.com/>

5.4. Preview

The preview feature enables you to preview your file, typical your HTML-files, either in the internal- or in your favorite external web-browser(s).

5.4.1. Preview Document

In order to preview a document, click the **preview tab**, located on top of the Edit window.

5.4.2. Preview Document in your favorite web-browser

In order to preview a document in your favorite web-browser, click the **submenu on the preview tab**, located on top of the Edit window.

5.5. Introduction to the compiler and debugger

Debug your PHP files for any syntax errors and preview the output with the PHP Interpreter. The debug feature requires that you have the PHP installed on your computer available free at www.php.net.

XAMPP and EasyPHP are both easy ways to install Apache with PHP and MySQL on your computer!

XAMPP: <http://www.apachefriends.org/en/xampp.html>

EasyPHP: <http://www.easyphp.org>

5.5.1. Configure the compiler and debugger

Before compiling or debugging your documents, you must have the PHP package installed on your computer and configure PHP Designer 2007 to work with this package (php.exe or win-php.exe).

1. On the **Tools** menu, point to **Preferences** (CTRL+E)
2. Use the left menu and navigate to **Preview → Debug & Preview**
3. Type in the **path of the .exe file for the PHP Interpreter (normally php.exe or win-php.exe)**, or click the Browse button to locate the file
4. Click **Ok**

5.5.2. Compiler and debugger settings

You can compile and debug your documents with the settings that the PHP package comes with.

1. On the **Tools** menu, point to **Preferences** (CTRL+E)
2. Use the left menu and navigate to **Preview → Debug & Preview**
3. Type in the **path of the .ini file for the setting file (normally php.ini)**, or click the Browse button to locate the file
4. Click **Ok**

5.5.3. Compile and debug a document

In order to compile and debug a document, click on the **Debug tab** on the top of the Edit window.

If there is, no error in the document the result will be displayed in the internal web browser.

5.5.4. Compile and debug your documents in your favorite web browser

In order to compile and debug a document, and previewing the result in your favorite web browser you can use the submenu on the **Debug tab** located on top of the Edit window.

If there is, no error in the document the result will be displayed in your favorite web-browser.

5.5.5. Error(s) in a document

If the compiler and debugger found any errors in a document, all errors will be listed in the Debug Panel.

1. In the **Debug Panel**, select the error to solve or navigate too.
2. Double-click or press Enter to jump to the current error in the document.

5.5.6. More information

XAMPP and EasyPHP are both easy ways to install PHP, MySQL and Apache on your computer!

1. PHP: <http://www.php.net>
2. XAMPP: <http://www.apachefriends.org/en/xampp.html>
3. EasyPHP: <http://www.easyphp.org>

5.6. Localhost (Apache etc.)

The Localhost feature enables you to preview your files, typical your PHP-files located in your in your localhost directory either in the internal- or in your favorite external web browsers.

5.6.1. Configure the Localhost

In order to use the Localhost feature, it is required that a web-server like Apache is installed and that you have configure PHP Designer 2007 to work with the Localhost.

1. On the **Tools** menu, point to **Preferences** (CTRL+E)
2. Use the left menu and navigate to **Debug & Preview**
3. Type in the **server path**, typical "http://localhost"
4. Type in the **path of the .exe file for the web browser**, or click the Browse button to locate the file.
5. Click **Ok**.

XAMPP and EasyPHP are both easy ways to install PHP, MySQL and Apache.

"Many people know from their own experience that it's not easy to install an Apache web server and it gets harder if you want to add MySQL, PHP and Perl. XAMPP is an easy to install Apache distribution containing MySQL, PHP and Perl. XAMPP is very easy to install and to use."²

XAMPP: <http://www.apachefriends.org/en/xampp.html>

EasyPHP: <http://www.easyphp.org>

² Source: <http://www.apachefriends.org/en/xampp.html>

5.6.2. Preview a document located Localhost

In order to preview a document in the Localhost directory the document must be stored in the Localhost directory. Click the **Localhost tab**, located on top of the Edit window.

5.6.3. Preview a document located Localhost using your favorite web-browser

In order to preview a document in the Localhost directory the document must be stored in the Localhost directory. Click the **submenu on the Localhost tab**, located on top of the Edit window.

5.6.4. More information

1. XAMPP: <http://www.apachefriends.org/en/xampp.html>
2. EasyPHP: <http://www.easyphp.org>
3. Apache: <http://httpd.apache.org/>
4. PHP: <http://www.php.net>
5. MySQL: <http://www.mysql.com/>

5.7. Help Manuals

The help feature enables you too easily launch any help manual available on your computer and contextual access more then 3000 PHP methods on the fly!

This feature requires that you have the PHP manual available free at <http://www.php.net/download-docs.php>.

5.7.1. Configure the PHP Manual (contextual help)

In order to access the contextual help with access to more then 3000 PHP methods on the fly you must download the PHP manual available free at <http://www.php.net/download-docs.php> and configure PHP Designer 2007 to work with this manual.

1. On the **Tools** menu, point to **Preferences** (CTRL+E)
2. Use the left menu and navigate to **Help Manuals**
3. In the **PHP Manual**, type in the **path of the .chm file for the PHP manual**, or click the Browse button to locate the file.
4. In the **PHP Manual Language**, set the language for the PHP manual.
5. Click **Ok**.

5.7.2. Access contextual help on the fly

In order to access the contextual help with access to more then 3000 PHP methods on the fly, right-click on the word you like to lookup and select "**Lookup function...**" or press **F1** on the word.

The contextual help will be displayed in the Help panel, if the selected word could be found the "Function Reference" page will be displayed.

5.7.3. Configure the HTML, CSS, SQL or PEAR manual

In order to open the HTML, CSS SQL or PEAR manual from inside PHP Designer 2007 you must first download these manuals and configure PHP Designer 2007 to work with these manuals.

1. On the **Tools** menu, point to **Preferences** (CTRL+E)
2. Use the left menu and navigate to **Help Manuals**
3. In the **HTML, CSS, SQL or PEAR Manual**, type in the **path of the file for the manuals**, or click the Browse button to locate the file
4. Click **Ok**

5.7.4. Open the HTML, CSS, SQL or PEAR manual

In order to open HTML, CSS SQL or PEAR manual from inside PHP Designer 2007, click Help → Manuals → HTML, CSS, SQL or PEAR.

5.7.5. More information

1. PHP Manual: <http://www.php.net/download-docs.php>
2. HTML Manual: <http://www.w3.org/TR/html4/>
3. CSS Manual: <http://www.w3.org/TR/2004/CR-CSS21-20040225/>
4. SQL Manual: <http://dev.mysql.com/doc/>
5. PEAR Manual: <http://pear.php.net/manual/index.php>

5.8. Online Search Engines

You can rapidly lookup a word or a function while programming on the Internet using your favorite search engines.

PHP Designer 2007 supports the following online search engines:

- Google
- MSN
- Yahoo!
- AltaVista
- Wikipedia
- Koders

5.8.1. Configure the Online Search Engines

If you need to re-configure the path to the above search engines, do the following:

1. On the **Tools** menu, point to **Preferences** (CTRL+E)
2. Use the left menu and navigate to **Integration → Online Search Engines**
3. In the **Google, MSN, Yahoo!, AltaVista, Wikipedia or Koders**, type in/change the **path of the for the current online search engines**
4. Click **Ok**

5.8.2. Using the Online Search Engines

In order to lookup a word or a function while programming on the Internet using your favorite search engines, right-click on the word you like to lookup and select **Online Search Engines** then select either **Google, MSN, Yahoo!, AltaVista, Wikipedia or Koders**.

The result will appear in an external web-browser.

5.8.3. More information

1. Google: <http://www.google.com>
2. MSN: <http://search.msn.com>
3. Yahoo!: <http://www.yahoo.com>
4. Altavista: <http://www.altavista.com>
5. Wikipedia: <http://www.wikipedia.com>
6. Koders: <http://www.koders.com>

Chapter 6 - The Edit Window

6.1. Introduction

This chapter will introduce the Edit Window in PHP Designer 2007.

6.2. Tabbed Navigation

The tabbed navigation lets you create and edit documents in separate tabs, so you can jump between them quickly and easily by right- or left click the current tab.

Every tab consists of the following elements:

- The document number
- The filename of the document
- If the tab icon is red then the document is modified and the changes have been saved yet otherwise the tab icon is black.

You can reorder the tabs as you like, simply drag and drop the current tab to a new position on the same tab-bar.

6.3. Syntax Highlighters

One of the strength in PHP lies in the ability to embed it into- and together with other web-languages, and this is why PHP Designer 2007 not only supports PHP but also other web-languages like HTML, MySQL, XML, CSS, JavaScript, VBScript, Java, C#, Perl, Python and Ruby!

Change the document syntax highlighter on the fly:

1. On top of the **Edit Window**, change the syntax highlighter to **PHP, HTML, SQL, XML, CSS, JavaScript, VBScript, Java, C#, Perl, Python or Ruby**

In the preferences, you can change the style and colors etc. for each syntax scheme.

1. On the **Tools** menu, point to **Preferences** (CTRL+E)
2. Use the left menu and navigate to **Editor → Syntax Highlighter**
3. Select the syntax scheme and attribute if you like to change
4. Click **Ok**

6.4. Intelligent Highlighter

The Intelligent Highlighter gives you the to automatic separate PHP, HTML, XML and JavaScript syntax schemes in the same document.

Let us say you have a document with PHP, XML and HTML codes and while editing the PHP both the XML and HTML part of the code will be dimmed.

1. On top of the **Edit Window**, change the syntax highlighter to **Intelligent Highlighter**

The following tags define the syntax schemes in Intelligent Highlighter:

- PHP: `<? ?>`
- PHP: `<?php ?>`
- HTML: (default)
- CSS: `<style type="text/css"></style>`
- JS: `<script type="text/javascript" language="javascript"></script>`
- XML: `<?xml ?>`

In the preferences you can automatic apply the Intelligent Highlighter on PHP, HTML, XML, CSS, and JavaScript documents.

5. On the **Tools** menu, point to **Preferences** (CTRL+E)
6. Use the left menu and navigate to **Editor → Syntax Highlighter**
7. In the Intelligent Highlighter, check the checkbox
8. Click **Ok**

6.5. Code Tip

The Code Tip helps you complete predefined and user-functions easily by automatic showing the expected parameters for the current functions.

In the preferences, you can enable/disable the Code Tip

1. On the **Tools** menu, point to **Preferences** (CTRL+E)
2. Use the left menu and navigate to **Editor**
3. In the **Code Tip**, check or uncheck the checkbox
4. Click **Ok**

6.6. Code Suggestion

The Code Suggestion reduces the amount of typing, by offering a list of elements you can insert directly into your document with a single mouse click or by pressing the Enter key.

The elements in the Auto Complete are:

1. HTML (elements, attributes and events)
2. PHP (functions, user-functions, included functions and user-variables)
3. phpDocumentor
4. Smarty

You can access the list of elements in the Auto Complete by pressing **CTRL + SPACE** and close it again with ESC key.

6.7. Auto Complete

The Auto Complete reduces the amount of typing, by automatic finish what you are typing just press **CTRL+J**.

In the preferences, you can manage the list of elements in the Auto Complete

1. On the **Tools** menu, point to **Preferences** (CTRL+E)
2. Use the left menu and navigate to **Editor → Auto Complete**
3. Click **Ok**

6.8. Auto Correct

If you have often type, a word wrong the Auto Correct can help you correct it automatic.

In the preferences, you can manage the list of elements in the Auto Correct

4. On the **Tools** menu, point to **Preferences** (CTRL+E)
5. Use the left menu and navigate to **Editor → Auto Correct**
6. Click **Ok**

6.9. Gutter

The Gutter on the left, gives you the following information:

- Line numbers in the document
- If a line is wrapped or not
- If there are any bookmarks placed in the document

In the preferences, you can enable/disable the left Gutter

5. On the **Tools** menu, point to **Preferences** (CTRL+E)
6. Use the left menu and navigate to **Editor**
7. In the **Show Gutter**, check or uncheck the checkbox
8. Click **Ok**

6.10. Bookmarks

The bookmark feature marks a current position in your documents. You can access your bookmarks by either right-click or click the Gutter.

6.11. Highlight Brackets

This feature visually marks the pair of brackets nearest to the caret.

In the preferences, you can enable/disable the bracket-highlighting feature

1. On the **Tools** menu, point to **Preferences** (CTRL+E)
2. Use the left menu and navigate to **Editor**
3. In the **Highlight Brackets**, check or uncheck the checkbox
4. Click **Ok**

6.12. Remove Empty Lines

Remove selected or all empty lines in your document.

1. On the **Tools** menu, point to **Remove Empty Lines**

Chapter 7 - Print

7.1. Introduction

This chapter will introduce the print features in PHP Designer 2007.

7.2. Print Preview

To see how the page will look when printed, on the **File** menu, click **Print....**

7.3. Print Range

Define the print range, on the print toolbar, click **Page: Range All** or **Page Range: Selected**.

7.4. Print Navigation

If the document contains more than just one page, you can navigate through the document either by using the arrows on your keyboard or by clicking on the print toolbar:

- →: Next page
- ←: Previous page
- →|: Last page
- |←: First page

7.5. Print Settings

Change the print settings, click the settings button on the print toolbar and define:

- Print title (define the title on every page in the print)
- Header and Footer (define the header and footer on every page in the print)
- Print in black and white (if not checked then the print will be in colors)
- User the current syntax highlighter
- Print line numbers
- Wrap long lines

Chapter 8 - Search and Replace

8.1. Introduction

This chapter will introduce the search and replace features in PHP Designer 2007.

8.2. Search

To search for text in your document do:

1. On the **Search** menu, point to **Search** (CTRL+F)
2. Set search options
3. Click **Ok**

8.3. Search Again

Search for the same text again

1. On the **Search** menu, point to **Search Again** (F3)

8.4. Replace

To replace a text in your document do:

1. On the **Search** menu, point to **Replace** (CTRL+H)
2. Set replace options
3. Click **Ok**

8.5. Extended Search

To search for text in your open documents do:

1. On the **Search** menu, point to **Extended Search**
2. Set search options
3. Click **Ok**

8.6. Extended Replace

To replace text in your open documents do:

1. On the **Search** menu, point to **Extended Replace**
2. Set search options
3. Click **Ok**

8.7. Search in Files

To search for text in files do:

1. On the **Search** menu, point to **Search in Files**
2. Set search options
3. Click **Ok**

8.8. Search Options

The following will be an introducing to the search options available in PHP Designer 2007.

8.8.1. Selected Text Only

The search will only search within the selected text.

8.8.2. Whole Words Only

The search will searches for whole words only.

8.8.3. Case Sensitive

The search will distinguish between uppercase (capital) and lowercase (small) letters

8.8.4. Regular Expression

Use Regular expressions to search for advanced patterns in the file. These are some of the recognized special characters that can be used:

- **^** A circumflex at the start of the string matches the start of a line.*
- **\$** A dollar sign at the end of the expression matches the end of a line.*
- **.** A period matches any character. An asterisk after a string matches none or any characters.*
- **+** A plus sign after a string matches any number of occurrences of that string followed by any characters.*
- **[]** Characters in brackets match any one character that appears in the brackets, but no others.*
- **[^]** A circumflex at the start of the string in brackets means NOT.*
- **[-]** A hyphen within the brackets signifies a range of characters. For example, [a-z] matches any character from a through z. *
- **{ }** Braces group characters or expressions. *

*Source: <http://www.optistic.com/index.php?id=32>

Chapter 9 - Debug, Analyze & Preview

9.1. Introduction

This chapter will introduce the debug, analyze and preview features in PHP Designer 2007.

9.2. Debugger

Debug your PHP files for any syntax errors and preview the output with the PHP Interpreter. The debug feature requires that you have the PHP installed on your computer available free at www.php.net.

XAMPP and EasyPHP are both easy ways to install Apache with PHP and MySQL on your computer!

XAMPP: <http://www.apachefriends.org/en/xampp.html>

EasyPHP: <http://www.easyphp.org>

9.2.1. Configure the compiler and debugger

Before compiling or debugging your documents, you must have the PHP package installed on your computer and configure PHP Designer 2007 to work with this package (php.exe or win-php.exe).

5. On the **Tools** menu, point to **Preferences** (CTRL+E)
6. Use the left menu and navigate to **Preview → Debug & Preview**
7. Type in the **path of the .exe file for the PHP Interpreter (normally php.exe or win-php.exe)**, or click the Browse button to locate the file
8. Click **Ok**

9.2.2. Compiler and debugger settings

You can compile and debug your documents with the settings that the PHP package comes with.

5. On the **Tools** menu, point to **Preferences** (CTRL+E)
6. Use the left menu and navigate to **Preview → Debug & Preview**
7. Type in the **path of the .ini file for the setting file (normally php.ini)**, or click the Browse button to locate the file
8. Click **Ok**

9.2.3. Compile and debug a document

In order to compile and debug a document, click on the **Debug tab** on the top of the Edit window.

If there is, no error in the document the result will be displayed in the internal web browser.

9.2.4. Compile and debug your documents in your favorite web browser

In order to compile and debug a document, and previewing the result in your favorite web browser you can use the submenu on the **Debug tab** located on top of the Edit window.

If there is, no error in the document the result will be displayed in your favorite web-browser.

9.2.5. Error(s) in a document

If the compiler and debugger found any errors in a document, all errors will be listed in the Debug Panel.

3. In the **Debug Panel**, select the error to solve or navigate too.
4. Double-click or press Enter to jump to the current error in the document.

9.2.6. More information

XAMPP and EasyPHP are both easy ways to install PHP, MySQL and Apache on your computer!

4. PHP: <http://www.php.net>
5. XAMPP: <http://www.apachefriends.org/en/xampp.html>
6. EasyPHP: <http://www.easyphp.org>

9.3. Preview

The preview feature enables you to preview your file, typical your HTML-files, either in the internal- or in your favorite external web-browser(s).

9.3.1. Preview Document

In order to preview a document, click the **preview tab**, located on top of the Edit window.

9.3.2. Preview Document in your favorite web-browser

In order to preview a document in your favorite web-browser, click the **submenu on the preview tab**, located on top of the Edit window.

9.4. Localhost (Apache etc.)

The Localhost feature enables you to preview your files, typical your PHP-files located in your in your Localhost directory either in the internal- or in your favorite external web browsers.

9.4.1. Configure the Localhost

In order to use the Localhost feature, it is required that a web-server like Apache is installed and that you have configured PHP Designer 2007 to work with the Localhost.

6. On the **Tools** menu, point to **Preferences** (CTRL+E)
7. Use the left menu and navigate to **Debug & Preview**
8. Type in the **server path**, typical "http://localhost"
9. Type in the **path of the .exe file for the web browser**, or click the Browse button to locate the file.
10. Click **Ok**.

XAMPP and EasyPHP are both easy ways to install PHP, MySQL and Apache.

"Many people know from their own experience that it's not easy to install an Apache web server and it gets harder if you want to add MySQL, PHP and Perl. XAMPP is an easy to install Apache distribution containing MySQL, PHP and Perl. XAMPP is very easy to install and to use."³

9.4.2. More information

1. PHP: <http://www.php.net>
2. XAMPP: <http://www.apachefriends.org/en/xampp.html>
3. EasyPHP: <http://www.easyphp.org>

³ Source: <http://www.apachefriends.org/en/xampp.html>

9.5. Web Browsers

Preview your documents in the following external web-browsers:

5. Internet Explorer
6. Firefox
7. Netscape
8. Opera

9.5.1. Configure the web-browser(s)

Before previewing any documents in any external web-browser, the current web-browser must be installed on your computer and configure PHP Designer 2007 to work with these web-browsers.

2. On the **Tools** menu, point to **Preferences** (CTRL+E)
3. Use the left menu and navigate to **Preview → Browsers**
4. Type in the **path of the .exe file for the web-browser**, or click the Browse button to locate the file
5. Click **Ok**

Hint! PHP Designer 2007 will automatic try to detect your installed browsers, and configure itself to work with these browsers.

9.5.2. Previewing documents in your favorite web-browser

Preview documents in your favorite web-browsers by using the submenu on the following tabs on top of the Edit window:

- **Preview**
- **Debug**
- **Localhost**

9.5.3. More information

1. Internet Explorer: <http://www.microsoft.com/windows/ie/default.msp>
2. Firefox: <http://www.mozilla.com/firefox/>
3. Netscape: <http://www.netscape.com/>
4. Opera: <http://www.opera.com/>