Quanta Gold Documentation 3.0

1.0 Introduction

Quanta Gold is designed for the professional web designer. There are no WYSIWYG design tools, but rather tools that allow you to quickly and professionally develop sophisticated web sites. One of the key features of Quanta is its support of the PHP scripting language (www.php.net) as well as HTML, a CSS editor, and integrated documentation for all of the above. With Quanta you get powerful project management features for complex web sites with integrated FTP and CVS support. The editor supports syntax highlighting for HTML, PHP, Javascript and CSS. Other languages will be added in the near future such as ColdFusion, Python, Perl, etc.

Quanta also supports a variety of HTML preview engines such as Konqueror, Netscape and Mozilla on Linux and Internet Explorer on Windows. And Quanta doesn't have to be used just for developing websites. It is a powerful editor with many features that are handy for quick work. The following pages will describe to you how to use Quanta Gold.

2.0 Installation

When you purchased Quanta Gold you received versions for both Windows and Linux. This chapter will explain how to install Quanta Gold and its various subsystems.

2.1 How to obtain Quanta Gold

If you're reading this document you should already have Quanta Gold, but if you don't, you can download a demo or purchase a copy at www.thekompany.com/products/quanta/. When you purchase Quanta Gold you are entitled to free electronic updates for the life of the product for all supported platforms, this does not include add-on modules that are available separately.

2.2 Requirements

You will need to be running a 300Mhz or better processor with at least 64MB of RAM, and either a Linux or MS Windows operating system. For MS Windows we assume Internet Explorer is available for HTML preview.

Quanta Gold for Linux has been statically linked with all the libraries required, so you don't need to worry about installing anything else for Quanta Gold - just run it. Quanta Gold has only one Preview system that is provided with the package - It's Qt3 based HTML rendering engine, but this is a fairly restricted engine, so we have provided for alternative browser support as well. Quanta Gold uses an X11 Embedding System that allows us to embed a window of a running application inside of Quanta Gold. This means that you also have the ability to preview with the following:

QT3
Mozilla
Netscape
Konqueror*

* We can't provide you a statically built version of Konqueror because it's included in every version of KDE, this means you will have to manually compile and install it for your system. We have provided instructions on how to do that below:

To use Netscape or Mozilla, you will of course have to have them installed. By default Quanta Gold will search for Netscape as a binary file in : **/usr/bin/netscape**. If you have installed Netscape in another palace you can set the full path of the binary file in Option->Preview Dialog.

2.3 Installation

If you are using a Linux system then you need to unpack the Quanta installation package into whatever directory you like (we recommend /usr/local), by using the tar command:

tar -zxvf quanta-3.2.0-x11.tar.gz

Please note that the version number will change with each release, so the file name may not match the example. The command creates the directory quanta-3.0 and puts all the files there. Now go into the directory with the following command:

cd quanta-3.0

Now just run installation script as root:

./install

If you have tried to install as a user other than 'root', then you will receive a warning message. The installation script will tell you where the files are installed so if you want to remove Quanta Gold from your Linux system you will only need to remove /usr/local/quanta directory and the symlink /usr/bin/quanta3.

To install Quanta Gold on a Windows system you need to run the exe installation file. Now just follow the prompts as you would with any other Windows installer. If you select a 'typical' installation, then not all features will be installed. If you select a 'full' installation, you can disable features later if you like with Control Panel->Removing and Add Programs

2.3.1 Installation of Konqueror preview plugin

The **`configure'** shell script attempts to guess the correct values for various system-dependent variables used during compilation. It uses those values to create a `Makefile' in each directory of the package. It may also create one or more `.h' files containing system-dependent definitions. Finally, it creates a shell script `config.status' that you can run in the future to recreate the current configuration, a file `config.cache' that saves the results of its tests to speed up reconfiguring, and a file `config.log' containing compiler output (useful mainly for debugging `configure').

The simplest way to compile this package is:

> **`cd'** to the directory containing the package's source code and type **`./configure'** to configure the package for your system. If you're using **`csh'** on an old version of System V, you might need to type **`sh ./configure'** instead to prevent `csh' from trying to execute **`configure'** itself.
>
> Running **`configure'** takes a while. While running, it prints some messages telling which features it is checking for.
>
> Type **`make'** to compile the package.
>
> Type **`make install'** to install the programs and any data files and documentation. You can remove the program binaries and object files from the source code directory by typing `make clean'.

2.4 Starting Quanta Gold

The installation script copies the Quanta binary file to /usr/local/quanta/ and creates a symlink for the binary: **/usr/bin/quanta3** in /usr/bin directory. So to run quanta you just need to type **quanta3** on the command line. If /usr/bin is not in your PATH environment variable you will need to type the full path+filename - /usr/bin/quanta3

Please remember that to start Quanta Gold you don't need any other systems (except XServer) running on your Linux system, such as KDE or any other desktop manager. You can use any window manager that you wish. When activating the Konqueror preview, kdeinit will be activated and some kde daemons and systems but KDE itself is not running.

If you are using Windows then you need only open Start menu->Programs->Quanta Gold and click on the shortcut for the application.

If you run quanta3 from a command line then you can add command line attributes. The X11 version of Quanta Gold knows about -display, -font attributes. For example: **quanta3 -display Unix:0 -font 9x15bold**. You can also add the name of file to open in quanta: **quanta3 myfile.html** - then quanta will start up and load the file into the editor immediately. You can use "open with quanta" in windows by right-clicking on HTML, php, javascript files.

3. Programs

Quanta Gold uses various external programs to provide specific features rapidly. Specifically we use Internet Explorer on Windows and for Linux we use Netscape, Mozilla and Konqueror for HTML preview capability.

We've also created a plug in to use the Tidy application for HTML syntax checking and beautifying.

3.1 Preview Systems

The Preview ability is activated by clicking on the preview button at the bottom of the editor window. Because you can quickly switch between various rendering engines you can test and make sure you HTML is clean. Remember that the Preview system loads an external program, so their might be some delay the first time. Sometimes the browser may not embed into Quanta Gold correctly, if this happens you will see a window without a window manager border on top of all windows. If this happens then restart Quanta Gold and try it again.

If you receive an error that the preview plug-in cannot be found, please look to see if you have the program installed on your Linux system, and if you have it set full path of binary file in the Options->Previews menu. For example, if you have Netscape installed in /opt/Netscape/ but Quanta Gold tries to start /usr/bin/Netscape you will see an error. You can create a symlink or open the settings dialog for preview and set the path there for Netscape binary '/opt/Netscape/netscape' by using the browse button.

3.2 Syntax Checking

Syntax checking is provided with an external plug in, which is called Tidy. To have Tidy review your HTML you need to select the Tools->Syntax Check menu item. This will run the Tidy program and display the results in the message window (you can use Ctrl-M for enabling/disabling the window. By clicking on items in the message window the cursor will follow lines in the editor and you can quickly see and fix any errors.

3.3 CVS support

From the Tools->CVS menu you can run various cvs commands for the current file or whole project. Standard output for these commands will show in the message window. If you are novice with CVS we recommend that you read some documentation on it. CVS documentation will be included in a later release.

4. Overview

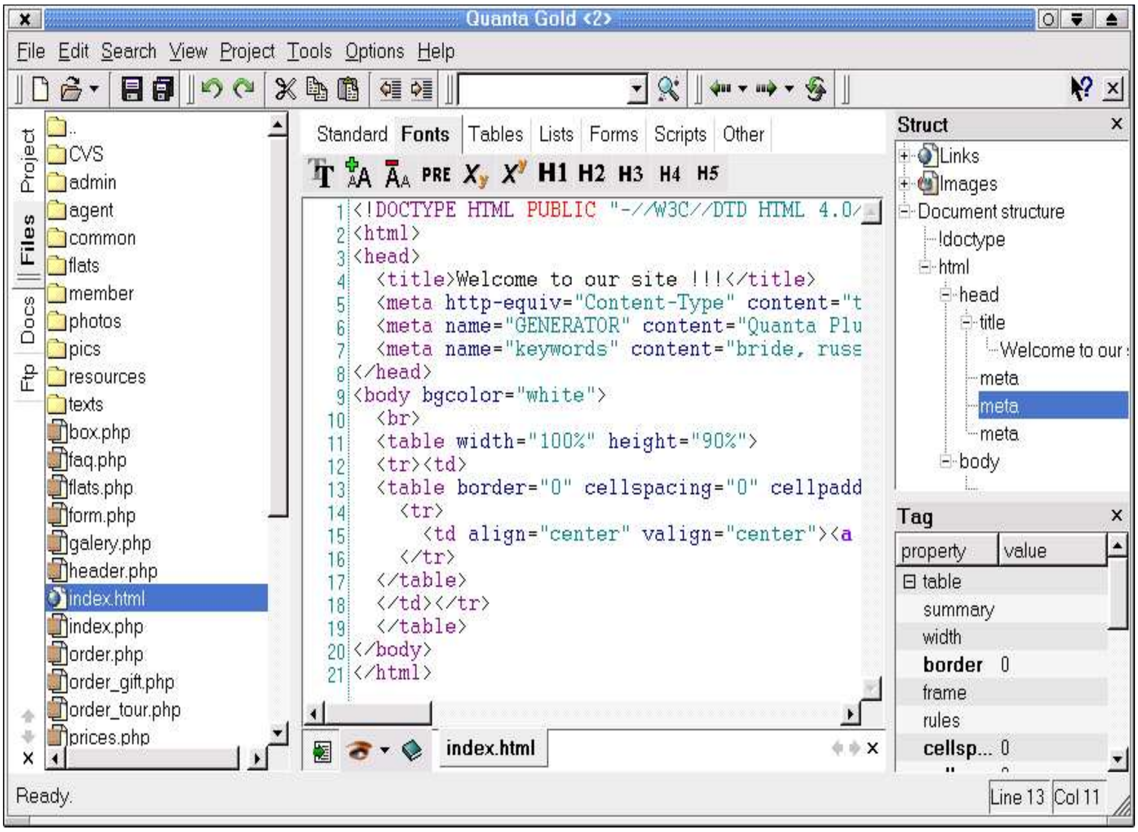
Quanta Gold has a standard and intuitive style interface with toolbars, menus and tabbed windows for accessing various sub functions quickly. On the left side of the main window you will see a tabbar that has various elements, such as: Project, Files, Ftp, Tag, Docs, Struct. The tab bar allows you quick navigation within the work space. The main window is occupied by the editor. The editor is also equipped with tab controls along the top that help you to quickly insert various tags or document construction. On the bottom of the editor you can see a tab with the names of all opened files, this allows you to easily cut/copy/paste parts of code between these windows. We understand how it is to be working hard and not want to take your hands off the keyboard, to this end you can use the Alt+Left and Alt+Right key combinations to navigate between editor windows.

Next to the file name tabs there are three buttons that give you quick access to: Editor ; Preview ; and Documentation window . Pop up ToolTips are active pretty much everywhere in the application that they are needed, and these icons are no different.

Finally, under the editor window and mouse buttons is the Message Panel (which we will explain later). You can use Ctrl+M to enable/disable the panel if you want to get some more screen real estate, or if you need it open because you are debugging.

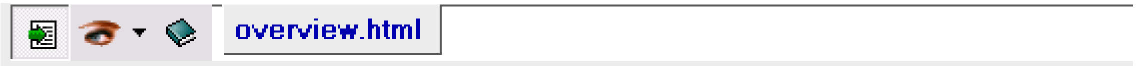
4.1 Dock windows

Quanta Gold makes heave use of 'Dock Windows', this allows you to essentially tear off any visible toolbar or panel and position it wherever you want on the screen, either internal or external to the program, docked or free floating. This allows you to customize your work environment so it is comfortable and natural for the way you work.



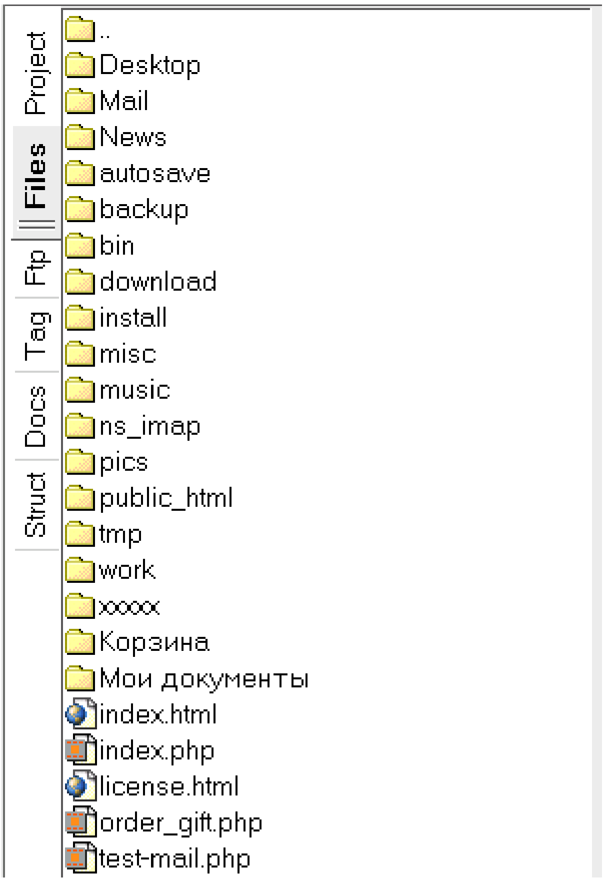
4.2 Main window

In this screenshot you will see the bottom of the editor window that shows the aforementioned buttons, and a tag for the single document in this editor called 'overview.html'. If there was more than one tab, you could click to quickly switch between editor panes.



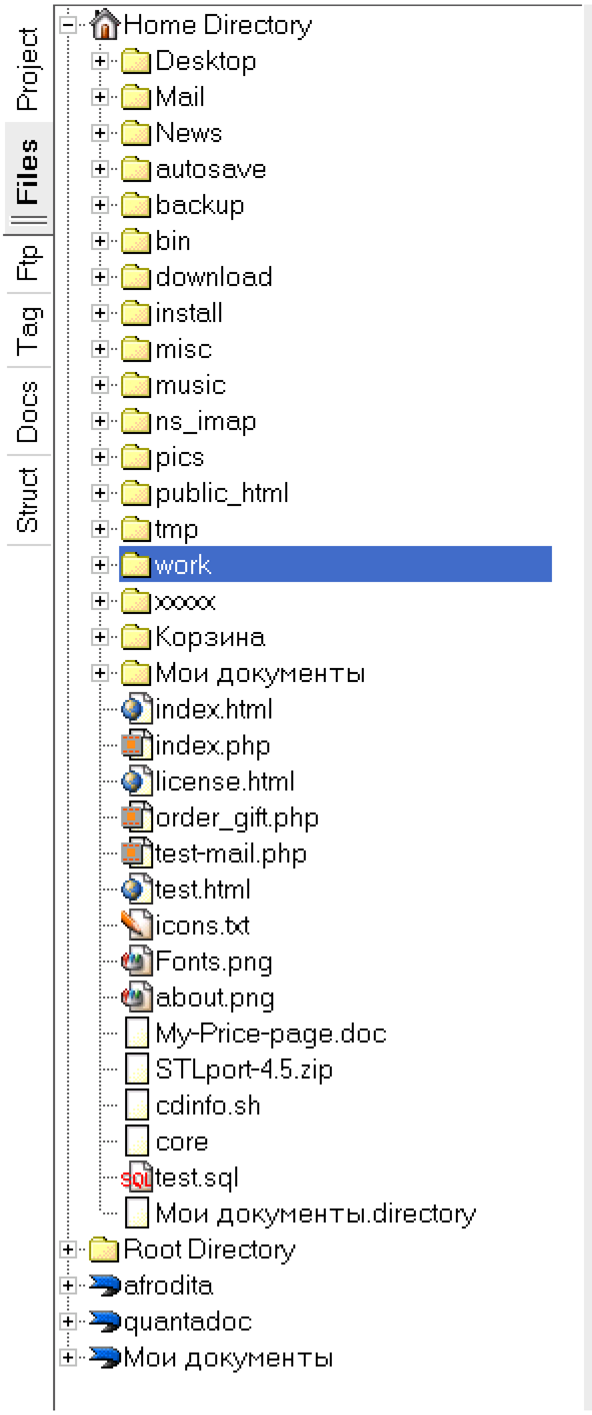
4.3 File views

Quanta Gold has two File views. They are located on the panel named **Files**. The first is a list style interface, you can open a directory or select a file by single clicking on it. Here is an example:



By right clicking you can switch to "tree mode", which is the second interface, to do copy,paste, delete; insert file or directory in current project and reload current dir if there are new elements.

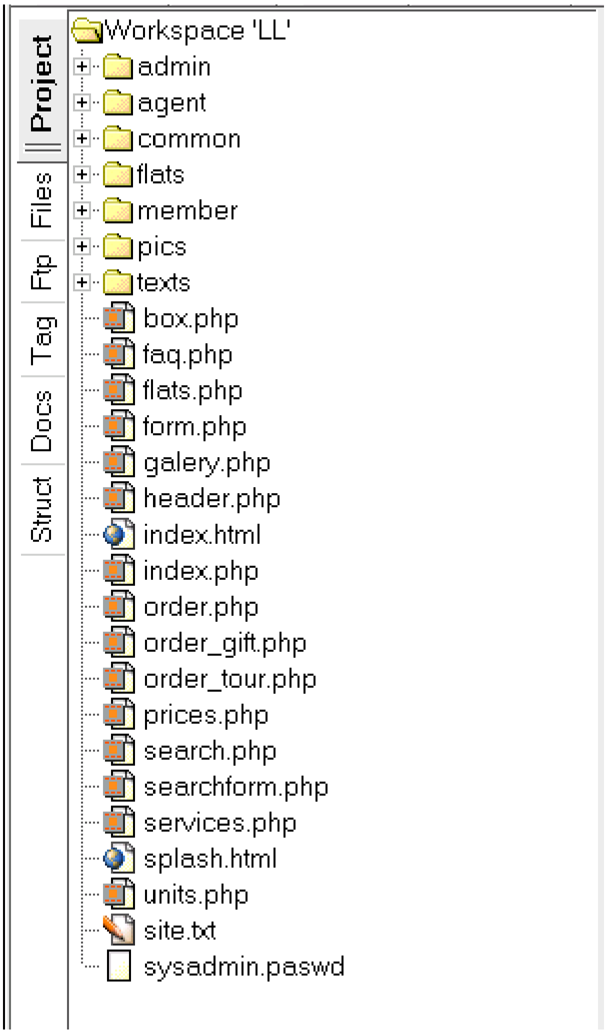
Our next file style is 'Tree Mode', this is where you can expand or collapse directory structures by clicking on the icon next to the name, or double clicking on the name. While this is useful for certain types of operations, it can create a cluttered view as well. See the example below:



You can switch back to 'list mode' just right clicking and selecting it from the pop up menu.

4.4 Project window

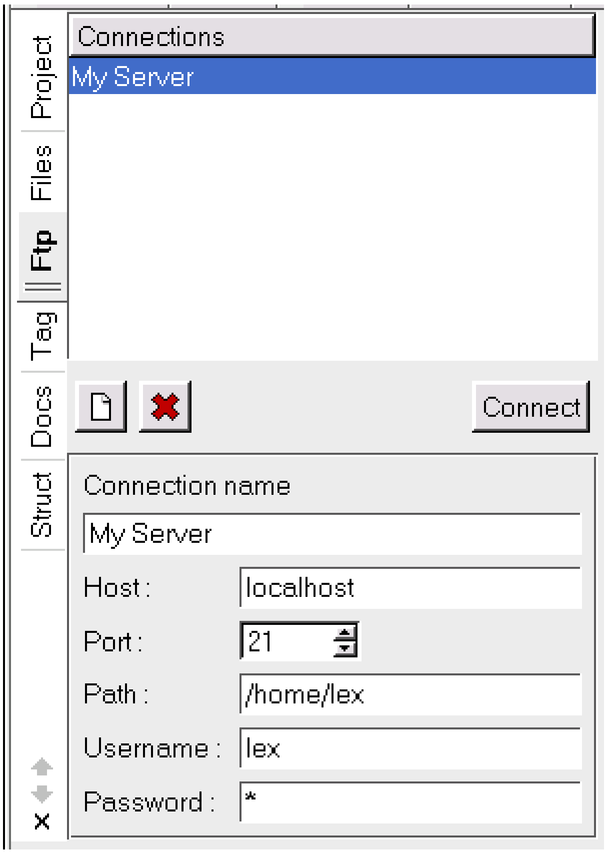
The Project Panel is for managing you project and the files within it. If no project exists, then the root folder name will say “No project”. If you double click on that name, you will get the “Project Open Dialog”. This is a nice shortcut to using the menu bar.



Right clicking in the Project panel will allow you to add, delete, create and open files as well as perform various CVS operations. Please note that Quanta Gold can open projects created with Quanta Plus, but won't go the other way. The file format for Quanta Plus was not very efficient with large numbers of files, so Quanta Gold is a better option.

4.5 Ftp browser

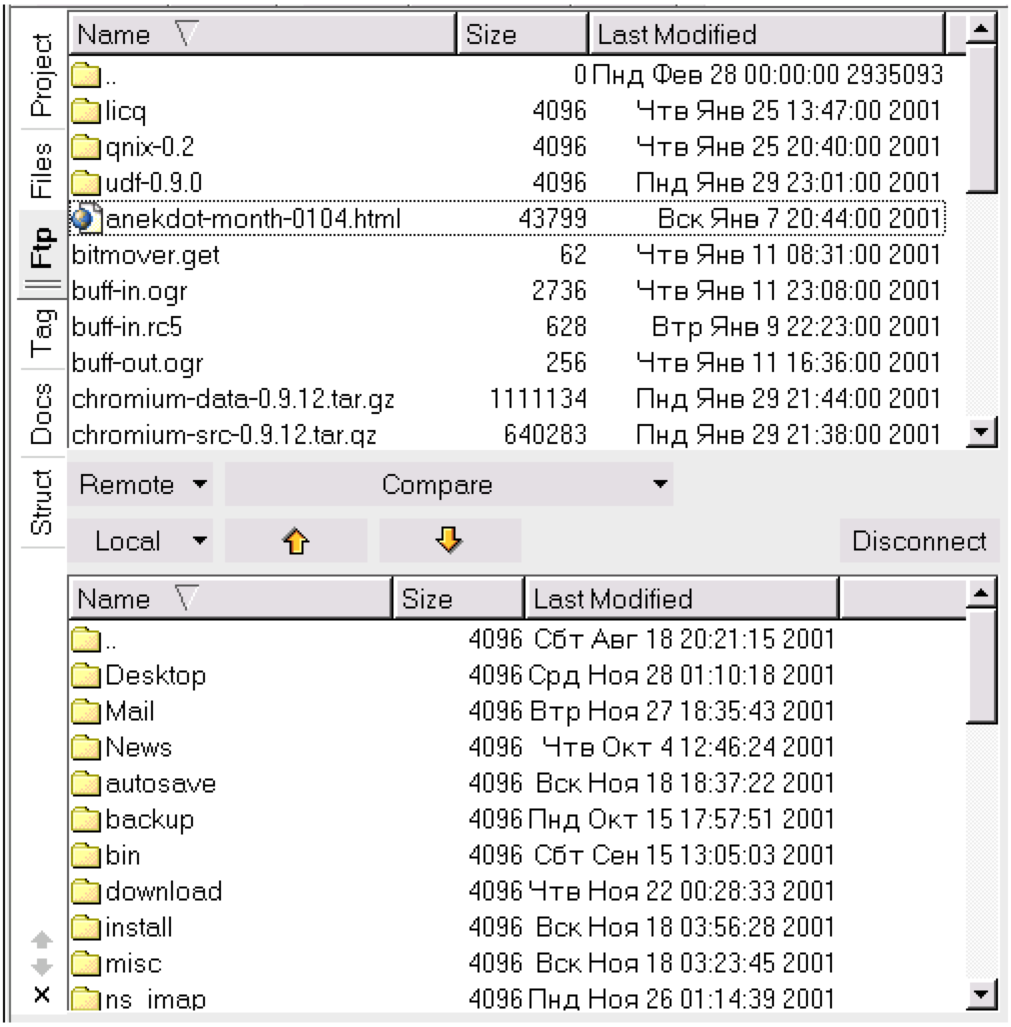
At first glance the FTP client appears to be very basic. There is a window with a list of connections, if you look at the example below you can see that multiple connections can be maintained. There are options to modify all of the attributes of an FTP server, such as the connection name, ip address or hostname, the port number (this is especially handy with Zope for example which uses a port other than 21, which is the default). Final the "Path" - string that contains the path of a directory on a remote server and user/password attributes.



When you click on the connect button, the "Ftp browser" will change its looks and will have two panels: The top panel with the filesystem of the remote server and panel with your local files.

The next elements are:

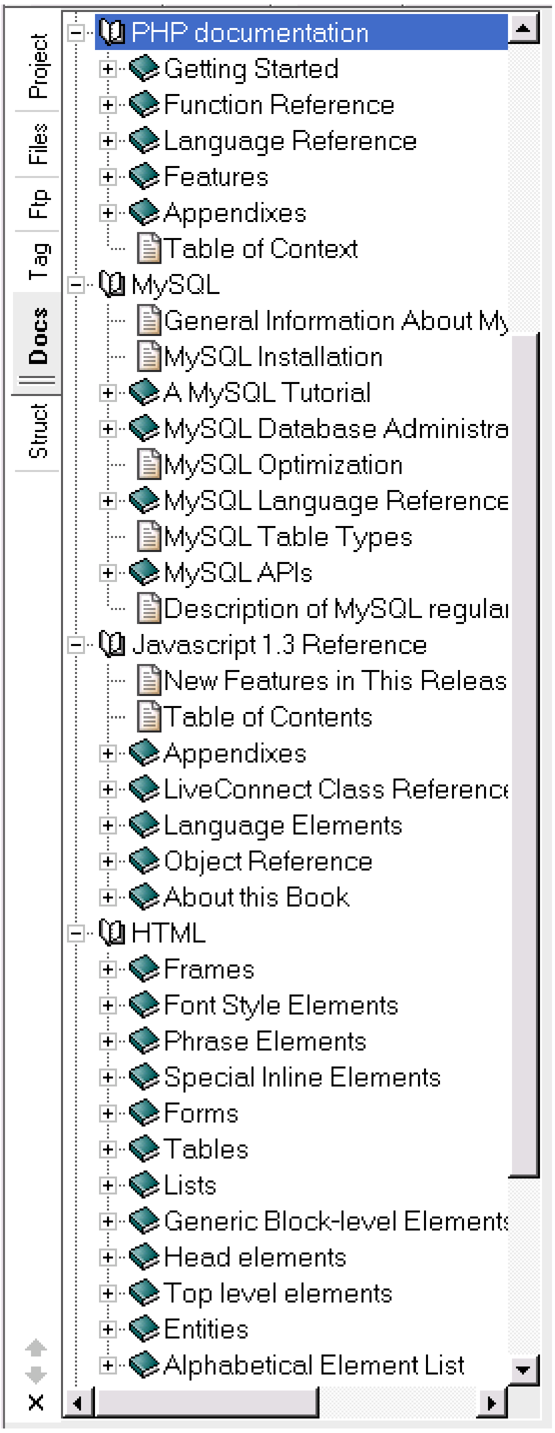
Remote->(New directory;Remove selected;Reload)
Local->(New directory;Remove selected;Reload;Change dir)
Compare->(By date;By size)
Download and Upload buttons
"Disconnect"



Note that panels have a "filemanager-like" selection mode. You can single click on a file and shift or ctrl click on other files to select a group of files or directories. “Compare" allows you to compare your files with files on a server. If you have project that contains a large number of files and you don't remember which files you changed on your local computer or maybe someone else changed them, then function "Compare by Date" or "Compare by Size" can be very useful.

4.5 Documentation Panel

The Documentation Panel provides you ready access to various documents to help you in with your web programming. We have integrated the HTML 4.0 manual, Cascading Style Sheets documentation, JavaScript 1.3, PHP 4.0, MySQL and PostgreSQL. The panel has a tree-like structure where you can select the theme that you are interesting in, select sub-points and read the page in the Documentation Window, where Quanta Gold switches to when you click on an element in the panel. Basically select a theme, click on it and you get the documentation page, from there you can follow through links to other documentation. Here is an example:



4.6 Context help

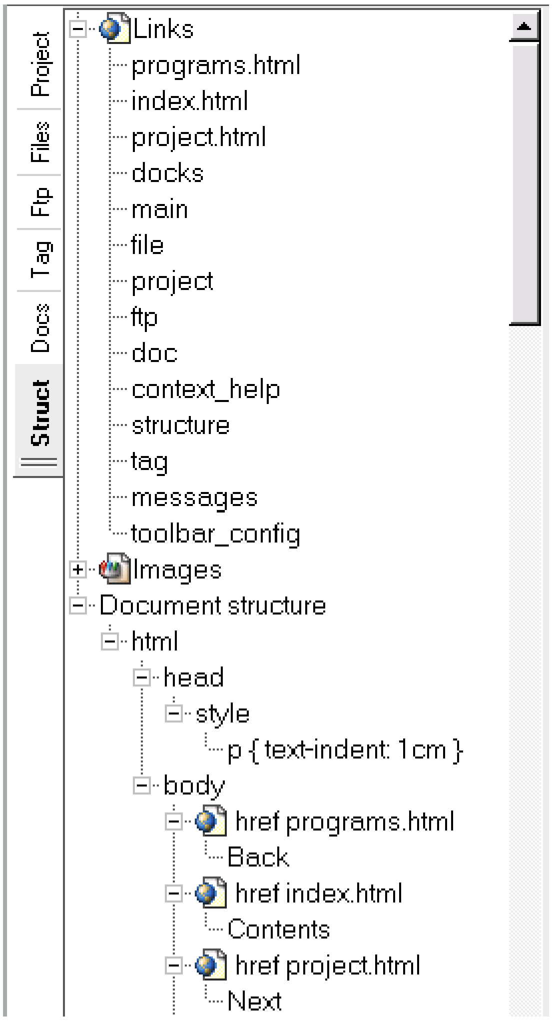
Quanta Gold has a very friendly integrated help system, simply set the cursor on the word you are interested in and press F1 on your keyboard. The documentation window will now appear with help information regarding the selected word. For example entering the word "body" and pressing the F1 button will open a manual page about the attributes of the tag and its description.

4.7 Structure Panel

The Structure Panel is used to examine the structure of the page you are currently editing and make sure that it is correct. If your HTML has a structure error, then looking at the structure panel will display that the structure tree is closed after the offending tag. This will indicate that you have a problem that disallows the continued parsing of the document. Some browsers try to understand structural errors, but often times no error will display, but Quanta will glaringly display the problem. It's important that you check for structural errors as not all browsers will understand them.

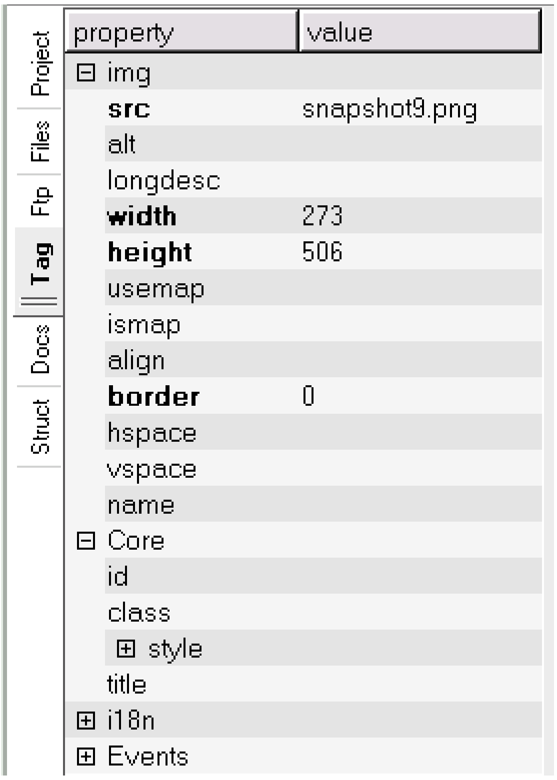
Using the mouse in the panel you can follow text with the cursor and see how your typing changes the structure of the document and fix it on the fly in the control structure. At the top of the tree you will see two “folders” that contain all the links and images in the document. By double clicking on an element with the link or image, you will have selected the tag for that element in the editor window. By single clicking on the element you will have the cursor jump to the beginning of the tag in the editor window. This is very handy for rapid navigation of your document.

When you click on any element in the structure tree your cursor will jump to the beginning of the text/tag. By double clicking that area will be highlighted. You can access this feature by right clicking and selecting 'Select Tag Area' or 'End of Tag'. With complex HTML and tables, using the 'End of Tag' option can be very useful to quickly find the right end tag. The 'Open' and 'Close' options act the same as clicking on the plus/minus in the tree. 'Reparse' will update the tree of the current document. See the following screenshot for a sample:


Project
Files
Ftp
Tag
Docs
Struct
Links
programs.html
index.html
project.html
docks
main
file
project
ftp
doc
context_help
structure
tag
messages
toolbar_config
Images
Document structure
html
head
style
p { text-indent: 1cm }
body
href programs.html
Back
href index.html
Contents
href project.html
Next

4.8 Tag Attributes Panel

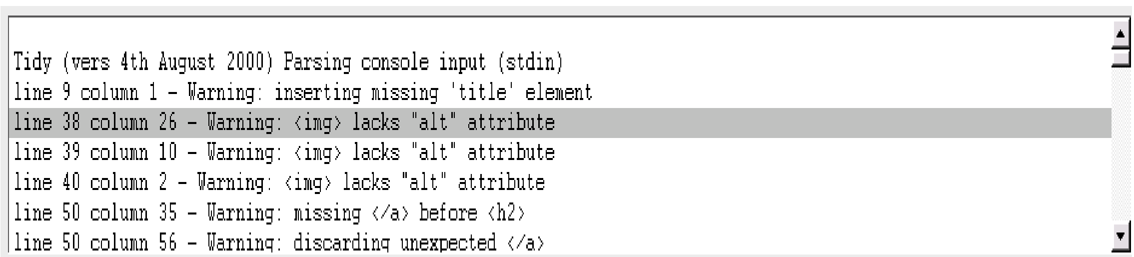
The Tag Attributes Panel is very helpful, basically it takes the tag of where your cursor is currently located and displays a list of properties and values for that tag. Simple click on an attribute and change its value. All your values are inserted on the fly, this is like using a RAD development tool such as Visual Basic or Delphi. Check out this example:



4.9 Messages Panel

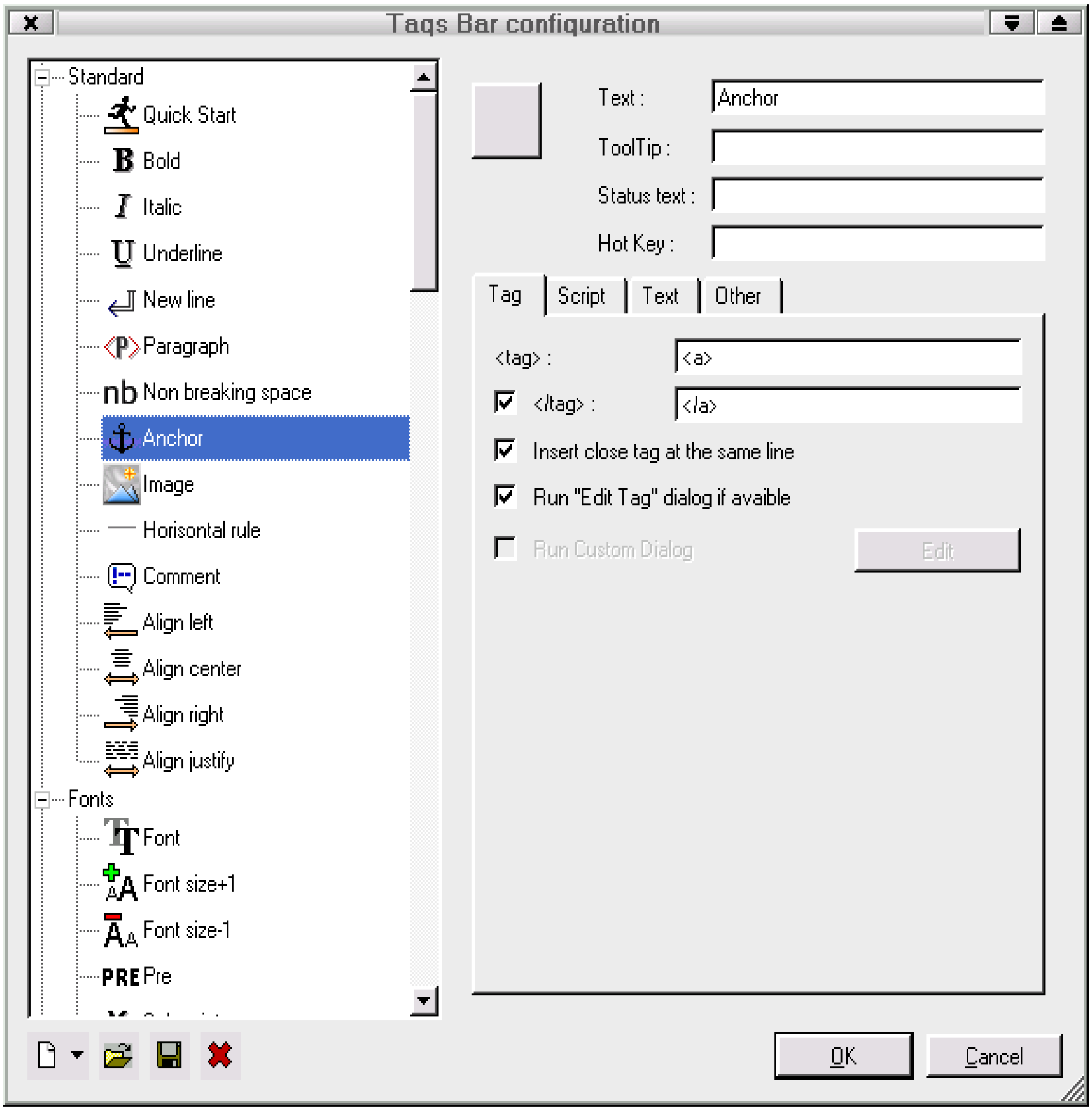
The Message Panel is a basic output window where the various programs and functions of Quanta Gold will output their messages. If the line in the message panel contains a line number, then you can highlight the line you are interested in, click on it, and the appropriate window will come up with the appropriate text.

Currently Quanta Gold only supports output from Tidy, which makes it very handy for debugging your HTML code.



4.10 Configure Toolbar Items

You probably are wondering how you can add your own tags or scripts or something else to even further customize Quanta, well we thought about that to, so we added the Tags Bar options. In this dialog you can add, modify, delete, change order, or save to an external file. To access the menu, right click on the Tags Bar, or select "Options->Configure actions". Here is a screenshot with the default Quanta Gold actions configuration :



In the left panel you can see a structure will all available actions. You can change the order, or create sub-trees by simply dragging and dropping elements. For example, if you want to have access to a font element from the "Standard" tab you can click on the "Font" folder, then drag and drop it in the "Standard" folder as a sub menu - try it and you will see how easy it is.

On the bottom you can see buttons that will perform various operations such as "New action/tabbat/sublist", "Open from file", "Save" and "Delete". On the left side is the part for configuring the current action: "Text", "ToolTip", "Status text" "Hot key". Note that the hot key format is "Alt+i". In the next version of Quanta we will implement a special widget for hotkey configuration.

Now lets look at some examples. Text - this is text that will be in the tag bar if you don't set an icon for the action. Below that are confirmation options of the action on the element. The next elements are: "Tag", "Script", "Text", "Others". "Others" is created for non standard elements like "Quick start dialog" and is hard coded into Quanta Gold, so this element won't be very useful for you, but it is need for compatibility.

"Tag" allow you define your own tags, "Run edit dialog if available” allows you to create your own dialogs for your tags. Documentation about writing your own tag files was created by Richard Moore and with it you can easily define your own dialogs that will be run when you press the “F4” function key or when inserting the tag from tagsbar.

"Text" tab allow you to define multiline text on an action - there are two parts of text - before cursor and after. Now look at the next element "Script" tab. This is a powerful function that allows you to create an interface from Quanta Gold to an external script or program. First - you select the program that will be run on the action. Below you define connections with the program: "Input" - this is text that will be sent to standard input of the program, "Output" - is actions that you need to do with output of the program after it runs.

Your next options are: "Insert in current position", "New document", "Replace current document" and "Message window". Same rules on error output (stderr). With the powerful configurable dialog you can create your own dialogs/wizards (with Tcl/Tk for example), do spell checking of your documents and almost any other thing that you don't have in Quanta Gold at the moment.

If you have created your own collection of Scripts/Tags or others elements that you think other people will find useful or interesting, you can send them to 'info@thekompany.com' and we'll see about adding them to the product.

4.11 Keyboard shortcuts

Quanta Gold provides keyboard shortcuts for almost all the available actions in the application.

F1 – popup help for the word/tag that the cursor is on.
F3 - find next action.
F4 - edit current tag - raise dialog with attributes of current tag.
F5 - reload current preview when you are in Preview mode
F6 - enable/disable preview window. Take note that Quanta Gold can use an external applications for previewing as described earlier. Quanta Gold hot keys will not work while the external program has the keyboard focus, you must bring the focus back to Quanta and then press F6 again ito close the preview. This is a function of X11 embedding and is not a bug in Quanta Gold.

Ctrl-M - Show Message window. Alt - Enter to menu bar.

File operations:
Ctrl-N - New file.
Ctrl-O - Open file.
Ctrl-W - Close file.
Ctrl-S - Save file.
Ctrl-Q - Quit from Quanta Gold.

Editor operations:
Ctrl-Z - Undo.
Ctrl-Shift-Z - Redo.
Ctrl-X - Cut.
Ctrl-C - Copy.
Ctrl-V - Paste.
Ctrl-A - Select All.
Ctrl-I - Indent.
Ctrl-U - Unindent.
Ctrl-Space - Complete word.
Alt-Left,Alt-Right - switch to prev,next editor window.

Search operations:
Ctrl-F - Search.
F3 - Search next.
Ctrl-R - Replace.
Ctrl-J - Goto Line.

Tags operations:
Alt-Enter - Enter
 tag
Alt-Space - Enter   entity
Alt-I - Img tag dialog.

5. Projects support

Project support in Quanta Gold allows you to organize your web-development in a logical structure you can easily work with. Quanta Gold works with your projects based on the file extension, you can use .wpj, .webprj or .webproject, whatever is comfortable. The files in a project are organized in a tree-like structure that mirror the directories and file structure on your disk. You can perform operations against the entire project such as scanning files and directories, CVS operations and such.

5.1 Create new project

Creating new project is quite simple. By selecting the menu item "Project->New Workspace" you will see a dialog for setting the project directory, project filename , and project name which contains some information for you. So enter in the "Project Name" a short description or name of your project. In "Project Directory" you must select the directory where the files for your project will be. If the directory does not exists you can write the full directory filename in the lineedit then the directory will be created. Also you can use the "Create New Folder" button in "Open dialog" which you can run by clicking on the button "...". In lineedit "Project File Name" you must enter the file name of a project file. The file name must have the extension ".wpj" ".webprj" or ".webproject". For example – my_project.wpj. Once you've done this, click on “OK” and your project will then be opened in the Project Panel where you can start adding files.

5.2 Export Quanta Plus 2.0 project

You can open project files in Quanta Plus 2.0 (also known as Quanta Plus) format but you can only save in the Quanta Gold file format. This is because the file format in Quanta Plus wasn't very efficient. Saving or opening projects with thousands of files in then was painfully slow, this has been fixed with the new Quanta Gold file format.

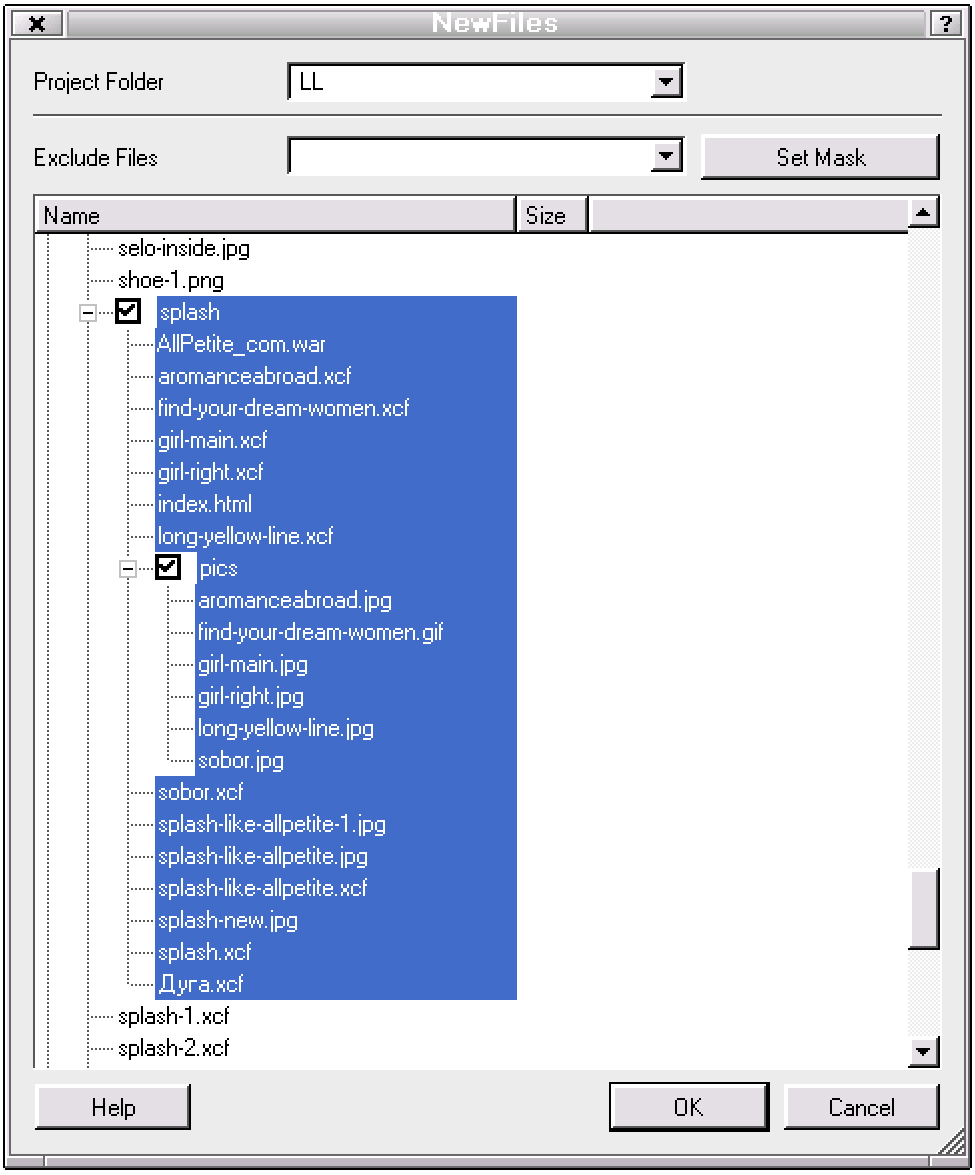
5.3 Adding new files to project

To add files to a project, you can right click on the projects folder in the Project Panel and select “Add files to folders”. This will open up a dialog that allows you to select what files you want to add. If you select a different directory for the files to include, then they will be copied into your work directory.

You can create a new folder inside a project by selecting the 'New Folder' option. Simply enter the folder name and click on 'Ok'. This will create the directory on your disk at the same time. The next feature is available from the menu “Project->Add new files” (note that the option “Project->Add existing file...” is the same as the right click in the project tree).

When you add a new file, Quanta Gold will prompt you with a 'save file' dialog so it knows where to put the new file and what to call it. A powerful companion feature is the menu item 'Project->Scan for new files'. When you select this you will get a checkable tree like file/directory structure which is not included in the current project. From here you can easily select missing files. See the screenshot below.

In the dialog on top you can select the project's folder which you want to check for existing new files. Below you can enter a mask for files that you want to exclude. In the tree you can select files for addition by clicking once on files that you are interesting in. When you click on the checkbox you will have all files and subdirectories with files selected for addition. When you clear the checkbox on the folder you will clear all selections inside. So this feature allows you to very quickly navigate a project directory for new files and select them for addition.



5.4.1 CVS support

Quanta Gold also has very basic CVS support which will continued to be enhanced in the future. Now you can update or commit changes of the entire project directory by selecting "Tools->CVS->Update/Commit Project". This feature will save changes in your files and run "cvs" command. T he command will output all messages in the "Message window" and there you can see which files were modified or which files are updated from other developers. You can also update/commit for one file by selecting "Tools->CVS->Update/Commit" or use "Project Panel" by right mouse clicking. Note that using cvs commands for a folder will updates all files and directories recursively inside the folder.

6. CVS integration

As previously mentioned, basic CVS support has been added to Quanta Gold. Soon we will be adding features such as log browsing, merging and resolving conflicts among other features.

6.1 Requirements

You must have CVS installed on your Linux system to use it, on Windows you need to select “CVS support” in the installation wizard. For working with CVS in Quanta Gold on a project you need to have the project uploaded by using the "cvs checkout" command from a console. After that you will have a project with directories CVS inside folders. Once you have done this, then CVS operations will be available in Quanta Gold.

CVS documentation will be added to the Quanta Gold help system to keep it consistent with the other integrated sub-systems.

There have been a number of requests for us to host CVS projects for Quanta Gold. We are considering making this an option in the future.

6.2 Using

Quanta Gold also has very basic CVS support which will continued to be enhanced in the future. Now you can update or commit changes of the entire project directory by selecting "Tools->CVS->Update/Commit Project". This feature will save changes in your files and run "cvs" command. T he command will output all messages in the "Message window" and there you can see which files were modified or which files are updated from other developers. You can also update/commit for one file by selecting "Tools->CVS->Update/Commit" or use "Project Panel" by right mouse clicking. Note that using cvs commands for a folder will updates all files and directories recursively inside the folder.

7. Editor

The Editor that is used in Quanta Gold is another product developed at theKompany by Max Judin and is used in a variety of our products. The editor has standard features for editing, powerful highlighting system which allow you easily navigate in your code, on the fly checking and repair of errors. A powerful and unique feature is the ability to syntax highlight different languages with different colors at the same time, so when you have a page that is integrated HTML+PHP or PHP+HTML+JAVASCRIPT you can easily distinguish what you are looking for. HTML tag editing can be accomplished by pressing F4. Word completion has also been implemented for speeding up your work even more.

7.1 Options

By selecting the menu item "Options->Fonts" you can modify the font used in the editor window. A monospace font is really more useful for editing, but you can select any font available in the 'font dialog'.

By selecting the menu item "Options->Editor" you can choose your own settings to control the behavior of the editor. Other options available are:

Auto indent – Allows you to save the indentation used in the previous line.
Backspace Indent – Remove indent by pressing backspace.
Smart Home - With this feature when you press the "Home" button the cursor jumps to the first non-space symbol in the line and then with the second pressing the cursor jumps to the beginning of the line.
Wrap cursor – If you have a long line, the text will automatically go to the next line.
Replace tabs – Sometimes it is better to uses an actual space instead of a tab to indent code, this option will go through and replace the tabs with a specified number of spaces.
Remove Trailing Spacers – This will eliminate embedded spaces at the end of the document.

Margins:
Indicator Margin – Not currently used, but a future release will be used to indicate code folding, bookmarks and more.
Line Number Margin – The line numbers can be turned off, but frequently having the line numbers is useful with PHP development when you are receiving messages for errors. You will also need them when doing a syntax check in Quanta Gold
Selection Margin – Allows you to select a range or area more flexibly than would otherwise be possible.

7.2 Word completion

Word completion can be a big time saver when working on extensive document. It is very simple to use, while typing just press **Ctrl+Space** and you receive a popup menu that contains all word that you already have entered in the text that match the symbols currently entered. Just select what you want and press 'Enter'.

7.3 Tag editing

Tag Editing is a powerful tool for entering or changing the attributes of the current tag. Just put the cursor between the <tag> and </tag> (not actually in a tag, but between them) and press F4. Quanta Gold will parse all the attributes of the current tag and load in a dialog that will allow you to modify any value, then just press 'Ok' and you will switch back to the editor window. Quanta Gold now also supports HTML 4.0 tag dialogs.

8. Questions and answers

This section will build over time as your questions come in, for now there is nothing to comment on.

8.1 Known bugs and bugs reporting

You can report bugs directly to the developers if you wish at the following addresses:

Alexander Yakovlev <yshurik@thekompany.com>
Dmitry Poplavsky <dima@thekompany.com>

Bugs take priority over features and we will address them as quickly as possible.

8.2 Quanta Gold mailing list

We have a mail list for Quanta Gold customers set up. If you purchased from our web site you would have received information on it already, if you purchased from another source then you will need to register your product so that you can join the mail list. The mail list is called qg@thekompany.com

8.3 Where to find more information

Our web site has product information available as well if this document doesn't answer your questions. Please see www.thekompany.com/products/quanta. You can also send an email to info@thekompany.com.

8.4 How to buy Quanta Gold

Quanta Gold is available from many online and brick and mortar retailers, but it can also be purchased directly from our website at www.thekompany.com/products/quanta.

9. Authors

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