

ContentExpress Guide

A Postnuke module

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About CE

Content Express is nothing new, but it is an improvement of existing similar module. It is written from scratch using the latest and greatest pnAPI of PostNuke 0.7.1.x. And its functionality and user interface is designed (at least this is one of our goals) to gear towards web designers instead of technical users.

The Birth

In the beginning Arising Group, Inc. was looking for commercial content management package to provide addition service to their valuable customers. The result from the search was discouraging due to the fact that most commercial content management software package costs over 5-digit figures. And it seems obvious that most of the solutions out there gear toward enterprise corporate companies instead of small to medium businesses. Then Arising Group, Inc. started to look for a solution in the open source area. There were a few content management framework/packages out there but none of them look as promising as Postnuke at the time. There were a few static page content management modules they have encountered for PostNuke. Some of them are great and relatively easy to use but were very buggy and they also wanted more features. They wanted the module to be more stable, more flexible and easier to maintain in term of coding. And with all the brainstorm going on, the birth of Content Express is realized.

The Transformation

The original development effort was sponsored by Arising Group, Inc. which also provides web hosting package includes prepackaged PostNuke with Content Express module and commercial support and customization for small to medium size businesses.

Due to the nature of this project (an Open Source Project), the software evolves much faster than the original expectation; and also there is an interesting dynamic in this project which is totally different from normal commercial software project: the user community is the driver of the direction as well as the quality of the software. This project gradually becomes a community project: user who gets involve either directly or indirectly by contributing suggestions, reporting problems, code enhancements (either in form of "hack" or "official implementation"), language translations, and documentations. And by the time we have almost reached our first year anniversary of the project, we already have over 9000 registered user for the project (neglecting the number that is out there for "customized" default language package.)

In March, 2003, ContentExpress project CVS archive officially moved to <http://xexpress.sourceforge.net>. This immediately pushes ContentExpress to the next level. More developers, (users from the community) who have the passion for the project, contribute a great amount of time (not to mention a lot of sleepless nights) and efforts to implement long waited new features and to fix a good amount of bugs for ContentExpress. And this set a stage for the next evolutionary phase for ContentExpress.

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Overview

Different parts

Content express consists of three parts:

Module	Function
Menu express	offers all functions and means for the production of an extensive site navigation
Content express	provides a PostNuke system with extended content management possibilities
Media express	offers beginnings of a medium collection (graphics, movies, documents,...)- this part of the module is at present still in an early stage.

Features

- **customizable unlimited content item multiple blocks supported**
- customizable unlimited dynamic/static menu item multiple blocks supported
- customizable single javascript menu block supported with configurable orientation
- customizable content pages with media upload
- customizable upload media type limit by administrator
- customizable upload media file size limit by administrator
- customizable media repository path by administrator
- unlimited depth of menu item
- unlimited sub-content of a main content
- multi-language support ready via multi-block
- easy to use menu/content mapping
- easy to use media layout
- PN search engine ready
- customizable font attribute via theme style sheet
- flexible menu/content item tree structure manipulation
- Plug-n-Play WYSIWYG content editor (for IE only)
- easy to use media manager
- configurable printer friendly page anchor for individual content and global setting by administrator
- PN hook ready
- customizable module default page
- option to change to PN menu block style in admin configuration
- option to disable WYSIWYG editor in admin configuration
- image content item title support
- toggleable image menu item support for both javascript single menu block and static/dynamic multiple menu blocks
- theme-able menu block bullet
- theme-able edit | delete | printer-friendly-page | send to friend icons
- easy to use configurable publish/expiration date
- simple approval state
- toggleable content navigation for main contents and sub-content(s)
- toggleable last updated and times read for contents

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Compatibility/ Known Issues

Linux (RedHat) i386	6.2 (kernel 2.2.x) 7.3 (kernel 2.4.18) 8.0 (kernel 2.4.18) 9.0 (kernel 2.4.20)
Linux (Gentoo) i386	1.4x (kernel 2.4.20)
Apache version	1.3.14 1.3.27 2.0.40
MySQL version	3.23.54 4.0.13
PHP version	4.0.3 4.0.6 4.1.2 4.2.1 4.2.2 4.3.1
Postnuke version	0.7.1.4 0.7.2.3 (recommended)
Postnuke Theme Engine	Original PN Xanthia
Browsers	Mozilla 1.0.1 or newer IE 5.1.6 (MacOS 9.x) IE 5.00.3315.1000, 5.5 or newer Konqueror 3.0.x Opera 6.11 Opera 7
Untested	Packages: FoxServ 3.0 for Windows
Known Incompatibility	Browsers: IE 4.5 on MacOS 9.x or older (Javascript menu block mis-positioned) Opera 6.0 on MacOS 9.x or older (Javascript menu block doesn't get display at all) Konqueror 3.1.2

Known Bugs

The XExpress Development Team uses the bug tracker on Sourceforge.net (http://sourceforge.net/tracker/?group_id=62292&atid=500073).

All the known bugs are listed there. If you think that you have a bug that isn't listed, please add it to the list. Be sure to describe it very thoroughly how you came to it, so that we can reproduce the error. Also list your configuration (Apache version, MySQL version, PHP version, CE version, Postnuke version). A link to your phpinfo could be handy.

Later versions of CE will include a debugger. More info on that later.



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Installation

Once you have a working version of Postnuke, you can proceed with the installation of ContentExpress.

Getting the module

First you'll need to get the module from our website. Fire up your favorite browser and surf to <http://xexpress.sourceforge.net> and get the latest version (currently 1.2.6). You can get a zip or a tar.gz version. Both contain the same. Unzip (untar) them to a place on your hard drive (preferably C:\temp (Windows) or /tmp (Linux))

Uploading the module

Once you have the module residing on your hard drive, you'll need to get it on your website. Supposed you have FTP access to your website.

You'll see in the unzipped (unrarred) version that there is a "modules" folder. This folder represents the same folder as on your Postnuke installation. Inside it you'll see the ContentExpress module. Upload it this folder to the modules folder so that it looks like this on your site : /modules/ContentExpress/

Preparing the installation

Before we continue, we need to prepare some stuff on the files. Just follow these easy steps:

1. If you want to use the search function of Postnuke to search through ContentExpress items, copy modules/ContentExpress/pnsearch/contextp.php to includes/search
2. Next append content of modules/ContentExpress/pnlang/eng/contextp.php to language/eng/global.php. Be careful with the <?php ?> in the file. Never edit outside these brackets, as it would break down the translation. Also try to avoid hard returns after the ?> bracket. Some PHP version have a problem with that.
If you have any other translations running on your site, do them same for them too.
3. If you're upgrading from a CE version prior to 1.2.4.10 and you were using the print function of CE, you'll remember that you had to edit one of the core files (namely index.php in the website's root folder). This is no longer needed! :) You can either replace the index.php with the original index.php of your version or (and this is not recommended) leave the hack in place. Leaving the hack in place will not interfere with the working of the CE module or any other for that matter. We just don't use the functionality any more. So if you're doing a fresh install, just ignore this step.
4. You need to make sure the "img_repository" and "pncache" have write permission for the web server process. During the use of ContentExpress, the module needs to write to these folders, mainly for uploading files and setting menu's. The Apache process usually uses the user apache. This is the user that will need write access.
If you're unsure about what permission to set, just chmod them to 0777. Most FTP clients can handled chmod. Consult your FTP client help on how to use it.
5. If you want to make use of the javascript menu capabilities of ContentExpress, you'll need to add a line to your theme in order for the javascript menu to work. In the file /themes/<<your theme name>>/theme.php, there is a function called themefooter().



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Add the end of that function, just before the }, you'll need to add the following:

```
echo "<script type=\"text/javascript\"  
src=\"./modules/ContentExpress/js/menu_com.js\"></script>";
```

Now your jsmenu should appear. Don't forget to have this line added in all your themes, if you let your users choose their own theme.

Alternative, you can include the jsmenu.php in your theme.php at the same location with the following:

```
if( file_exists( "modules/ContentExpress/docs/jsmenu.php" )) {  
    include_once( "modules/ContentExpress/docs/jsmenu.php" );  
}
```

That concludes the preparation. Now let's get that module going!

Installation on your website

Now that everything is prepared, it's time to surf to the administration panel. Click on "Modules" and regenerate the list. You'll get a list of the current modules. Look for ContentExpress. At the end of the line, you find "Initialize". Click it. This will generate the tables in the database and register some variables in the Postnuke engine. If there are no errors, you can proceed with clicking on Activate (next to ContentExpress of course). This will activate the module and places a link in the Administration panel.

Congratulations. You've installed ContentExpress.

Upgrading the module

First of all, backup your database!! I can never say this enough. You never know when something goes wrong.

Get the latest and newer version from our website and unpack the downloaded file. Next upload the unzipped files overwriting the current ones already residing on your webserver. Watch out, some of the earlier versions had read-only permissions and turned up like that on the webserver. You'll need to chmod all the files in the ContentExpress folder before you can upload correctly.

Once that is done, check the steps in the [Preparation of the installation](#). You might want to repeat steps 1&2 although changes there are rare. Apart from the first 2 steps everything should already be done.

Now go to Administration->Modules and regenerate the list. You'll notice that ContentExpress is now in Upgrade status. Just click on the Upgrade link next to ContentExpress. Now the tables in the database are upgraded and/or variables are (un)registered in the Postnuke Engine.

That's it. You have upgraded ContentExpress.

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First Steps

A new ContentExpress item

In order to publish now a first article, head over to Administration->ContentExpress. You are now in the admin panel of ContentExpress. Sure a lot to do here. However don't worry about that now. The full configuration of the Module can be done later on in [Configuration](#). For now, just click on "Manage Page Contents".

This is the interface in which you will enter articles(or static content). **Each** article should have a title. This title will be the used in the administration to recognize an article, so choose a descriptive one.

With the check mark next to title you can decide whether to display this title in the user interface. Under the title is a dropdown field, with which one can adjust for the whole text whether the is to be indicated right, left, or centered. A grouped style is not supported yet. Just ignore categories for the moment. It'll be used later to have articles categorized, but it's not obligated.

If you're running a browser like Internet Explorer, you should have an editor visible now. It could be that when you entered this page, your computer asked for the CD of Microsoft Office. This is due to the fact that the editor is based on ActiveX components from MS Office. Just place in your CD and have the extra needed features installed. This should be an automatic installation.

If you don't use Internet Explorer, then you'll see a plain text area. You'll have to punch in straight HTML.

The editor supports

- the fundamental functions of a simple editor such as Wordpad,
- used partially even its Look & Feel
- and the Rich supports text format (rtf)

Most Buttons should be self-describing, or explain itself at least after short testing. More info on that later.

Due to the Rich text support the editor is able to process, for example, documents from Microsoft Word or Starwriter. So one can insert whole Word files, which is then represented 'very similarly' for example by Copy paste. Copy/Pasting Excel documents is however not recommended, since this could end in a non-desired result.

The editor should provide the necessary features, needed to layout your desired content.

When your text is finished, continue below the editor in the form. There are some extra things that could be handy:

Menu option	Attitude
Parent	In principle several contributions can be hung together into a long document. If the contribution another is to be attached, one can select the main contribution here. Otherwise choose 'Top Level'.

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Language	For which language is this contribution intended? Here your current website language is preset, and should not be changed. If your site is multilingual and all users are to be able to see the text , one places on here 'all'.
upper/lower print anchor turn on/off	If you want a print icon(for the printer friendly version) to be displayed, just click the checkmark.
Publication date/expiration date	Starting from when is the contribution to be published and when is it to be faded out again? If here nothing is registered, CE registers automatically a date in the distant future.
Approval status	Preview = preview - the contribution/article is not yet visible by the users. Posted = the contribution is stored and visible by the users.

In addition one can set all other values of course. It could be that some parts here don't work. That's because the general configuration overwrites the individual settings. More on that in [Configuration](#).

If all data is correctly filled in, it can be saved into the database. Just click on "Save Content". Afterwards the same page appears again and the content should be visible as it would appear for the user. Below that you have the same form again to edit the current article.

On top of the current page you are presented with an overview of the current articles in your database. You also have some manipulating possibilities in that over view:

Edit | Delete | Deactivate | Left | Right | Up | Down

These functions enable you to organize your articles, without having to edit them. More on them later.

You just created your first ContentExpress item :)

Now let's make a new menu (block).

A new MenuExpress item

The article we just entered cannot yet be found by the user. We need to provide him with a link to that article. That can be done from with a (menu)block.

This module also has MenuExpress. This part of the module allows you to fully extend the possibilities in website navigation. The MenuExpress menu's are far more sophisticated than the Postnuke menu's. You might even consider (later on) to have your site navigation be done by ContentExpress (the way we do at <http://xexpress.sourceforge.net>).

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Now let's create a new menu. As with any other block we need to create it first. This can be done at Administration->Blocks. There you click new block and give your new block a title. Choose for Block from the dropdown box "ContentExpress/CE Menu Block" and hit "Commit changes". Next, you can choose to have the dynamic to be turn on. This will hide sub menu items when the parent menu item is not clicked. Your block should appear. You'll see that it already has an edit link. This will take you straight to the administration of this block. Alternatively you can go to Administration->ContentExpress , hit "Manage Menus" and choose the menu from the dropdown box at the top of the page.

Now we need to create menu items to fill the menu block.

Menu item property	Value
Menu name	<p>This is the name of the menu item. It'll appear as such in the men block. (Don't try to use too long name as it may disfigure your block)</p> <ol style="list-style-type: none"> 1. Space : This type will create a space in your menu block. Handy to optically group certain menu items together. 2. Title : The menu name will as a menu item but does not have a link anywhere. 3. Clickable title : This is the same as a normal title but now with a link.
Menu type	<ol style="list-style-type: none"> 4. Module : Here you can choose to have the menu item point to any of the activated article in the database. 5. Custom URL : this type is used to point the link of a menu item to anywhere you want, like other modules or websites. You can used the [] or {} method as in normal Postnuke menu.
Parent Menu	<p>Here you can choose to have the menu item belong to another and thus create sub menu items (Remember the dynamic feature of the block?). If you choose another menu item here, this menu item will intended.</p>
CE Menu Block	<p>When you have multiple menu block, you can switch menu items quickly from block to block here.</p>
Language	<p>When you have a multiple language site, you can state the language for which the menu item should be visible. By default the site language is selected here and should not changed when you only have one language on your site. When your site is multilingual and all users should see this menu item, then choose "x_all".</p>
Publication Date / Expiration Date	<p>These are the dates that will control the publication. The link will only be visible in the period between these dates. By default (left empty)the expiration date is set to the distant future.</p>
Approval Status	<p>Preview = the menu item is created but never visible in the menu block. Posted = The menu item is now added to the menu block.</p>



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Use new window

When this menu item is clicked, the link will be displayed in a new browser window.

When everything is filled in, don't forget to save your new menu item by clicking "Save Menu". The menu item will now appear in the overview on the top of the page and also in the Menu block if the Approval Status is Posted.

Menu Express also has the possibility to have a javascript menu block. However this will lead us too far at the moment. More on that later.

A new MediaExpress item

When you want to add a picture (or any other media for that matter), this module offers you MediaExpress. Click on "Manage Media" in Administration->ContentExpress. The PHP engine on your site should allow you to use this feature. It can be disabled by your system administrator. Check your phpinfo to find out.

To upload a file click on "Browse...". Now you can locate any file on your hard drive that you want uploaded. When you then click "Update Media repository", the selected file will be uploaded to the webserver and will become available for selection in your ContentExpress editor. There is a limit on the size of the file, stated in phpinfo. Also consider the timeout when uploading big files. The file is correctly uploaded, you'll receive a message : Media repository updated.

Attention: if the MIME-type is not allowed, the size of the file too big, uploading disabled or the media folder not write-enabled, then the upload will fail.

To remove a file from the repository, select the file from the dropdown box and click "Update Media Repository".

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Configuration

Next step is the configuration of ContentExpress. According to the allocation into 3 "submodules", there are also 3 places of configuration.

ContentExpress

Under Administration->ContentExpress->Page configuration gives you the following menu options:

Menu option	Attitude
Default Content Page	Which content should be displayed to the user when no article is chosen. If nothing (default) is chosen, it will display an index of all the content items/articles. You can select existing articles, the index page or even a URL.
Enable Quick Admin Link	This will display an linked icon for administrators to the edit page of an article.
Enable media auto-clean	If enabled, CE keeps track of ref. count (RC) on media; once RC reaches 0, CE deletes the corresponding media from the repository. Big words to say: If a picture is not needed any longer, it is deleted automatically from MediaExpress.
WYSIWYG editor	Is CE WYSIWYG editor to be used? In addition you can also state the size of the editor.
Enable Print Anchors	Should the print icons be displayed on top/bottom of the page. These settings overwrite any setting in the content item itself!!
Enable 'Send to Friend' Anchors	Should the 'Send to Friend' icons be displayed on top/bottom of the page. These settings overwrite any setting in the content item itself!!
Article navigation / Index page depth (Set to -1 for unlimited)	If you have created sub content items, you can have links like [previous] [next] under the article. You can enable it here by default. The index page will also use nesting to display sub items. You can state how deep this nesting should be.
Show Last Updated	The date of the last change is added to the top of the article - particularly interesting if it's important how current the content is. This setting overwrites any individual setting in the content item/article.
Show times read	Shows how many times an article is read. This setting overwrites any individual setting in the content item/article.
Time format (see PHP DATE function)	You can format the dates displayed.
Show 'times read' in index page	This will also show the times an article is read in the index page.
Show 'author label' in index page	This will show the last user the edited the article in the index page.

The last 8 settings should be seen as default values. These settings will overwrite any individual setting set in the articles. If you wish to set the individual setting then disable the setting here and set the value for each article separately.

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MenuExpress

Under Administration->ContentExpress you'll find Menu Configuration for MenuExpress. That gives you the following menu options:

Menu option	Attitude
Enable Quick Admin Link	This will display an edit icon/link in each menu block for administrators that links to the administration of that block. If disabled you can access the administration of a block only through Administration panel of Postnuke.
Enable PN Menu block Style	When this is enabled the menu block will look like a normal Postnuke menu block.

MediaExpress

Under Administration->ContentExpress, there is "Media configuration" to set the settings of MediaExpress. This gives you gives you the following menu options:

Menu option	Attitude
Supported Media Types	Here all different MIME types, which can be uploaded, are listed. So here you can prevent a certain file type from being uploaded simply by not listing the MIME type. You can find a list of possible MIME types here: ftp://ftp.isi.edu/in-notes/iana/assignments/media-types/media_type
Max. media file size (in Bytes)	How large may an upload be at the most? This number cannot be larger naturally, than the maximum size, set in php.ini. Check your phpinfo file on what that value is.
Media Dimension (WxH in pixel)	Here you can limit the dimension of pictures (0 x 0 = original dimension of picture area)
Media archives	Here you should set the directory in which to upload the files. Remember that the webserver process should have write and execute access on that directory. The path is relative to the ContentExpress directory.

Permissions

Of course permissions for a module are very important. The current permission layout of ContentExpress looks like this

Registered component	Instance template
ContentExpress::Category	Category title::Category ID
ContentExpress::Content	:Content title:Content ID
ContentExpress::Contentblock	Block title::Block ID
ContentExpress::Layout	Layout title::Layout ID

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Registered component	Instance template
MenuExpress::Menu	Block ID:Link name:Link ID
MenuExpress::Menublock	Block Title::Block ID
MediaExpress::	Media ID::

For further information on how to use Permissions, I suggest you read through the documentation on <http://www.postnuke.com> . Since the update on 1.2.6.0 the permission scheme of MenuExpress has changed a bit. Please take notice of this.

Just a quick example: let's suppose you created a menu block that has the same menu items as the default Postnuke menu navigation.
The layout for MenuExpress::Menu is "Block ID:Link name:Link ID".

1. the block ID
2. the link names
3. the link ID or menu item ID

The block ID is the id if the considered menu block. You can find out the block ID only in the block administration (if you have a questionable block, a simple mouse over on the edit icon will reveal the bid in the URL in the status bar). The number is registered as block ID.

The link name is simply the name of the menu item.

The menu item ID is meid, which stand in the URL, if one clicks the appropriate menu item in navigation.

Your setting might then look like this(of course in the right position in the table):

Users	MenuExpress::Menu	2:Administration:3	none
Unregistered	MenuExpress::Menu	2:(Administration My Account Logout Submit News):(3 4 5 6)	none

Tips and Tricks

Here will come tips and tricks to be used on ContentExpress.

FAQ

When I go to the search page of Postnuke, I see untranslated tags?

When I go to the search page of Postnuke, nothing is translated?

When I go to the search page of Postnuke, ContentExpress is not listed?



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Expanding the module

Adding hooks

Since ContentExpress is PN Hook ready, you can add any hooks you know to the module.

Hook name	What does it do?
EZComments	It adds comments to every article you write. In that way you can have feedback on what your readers think about your articles.
pn_bbcode	You can write your article in bbcode. Very handy if you don't have the editor available due to browser issues and you don't master your HTML very good. Handy for quick HTML coding
pn_smilies	Add smilies to your articles.

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Appendix A : Database Schemes

nuke_ce_categories (PRIMARY KEY mc_id)

Field	Type	Null	Default	Extra
mc_id	int(11)	NOT NULL		auto_increment
mc_parent_id	int(11)	NOT NULL	-1	
mc_title	text	NOT NULL		
mc_language	varchar(30)	NOT NULL		

nuke_ce_content items (PRIMARY KEY mc_id)

Field	Type	Null	Default	Extra
mc_id	int(11)	NOT NULL		auto_increment
mc_parent_id	int(11)	NOT NULL	-1	
mc_cat_id	int(11)	NOT NULL	-1	
mc_language	varchar(30)	NOT NULL		
mc_title	Text	NOT NULL		
mc_text	longtext	NOT NULL		
mc_enable_title	Tinyint(4)	NOT NULL	1	
mc_media_url	text			
mc_media_width	int(11)	NOT NULL	0	
mc_media_height	int(11)	NOT NULL	0	
mc_media_text	text			
mc_layout_id	int(11)	NOT NULL	-1	
mc_start_date	datetime	NOT NULL	2003-05-13 01:16:02	
mc_end_date	datetime	NOT NULL	2038-01-18 00:00:00	
mc_top_print	tinyint(4)	NOT NULL	0	
mc_bottom_print	tinyint(4)	NOT NULL	0	
mc_status	tinyint(4)	NOT NULL	1	
mc_weight	float	NOT NULL	0	
mc_navigation	tinyint(4)	NOT NULL	0	
mc_top_sendfriend	tinyint(4)	NOT NULL	1	
mc_bottom_sendfriend	tinyint(4)	NOT NULL	0	
mc_backgroundcolor	varchar(7)	NOT NULL		
mc_last_updated	datetime	NOT NULL	2003-05-13 01:16:02	
mc_times_read	int(11)	NOT NULL	0	
mc_show_last_updated	tinyint(4)	NOT NULL	1	
mc_show_times_read	tinyint(4)	NOT NULL	1	
mc_title_align	tinyint(4)	NOT NULL	1	
mc_author	varchar(30)	NOT NULL		
mc_notes	text			

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nuke_ce_layout (PRIMARY KEY mc_id)

Field	Type	Null	Default	Extra
mc_id	int(11)	NOT NULL		auto_increment
mc_name	text	NOT NULL		
mc_description	text	NOT NULL		
mc_text	Text	NOT NULL		

nuke_ce_statuses (PRIMARY KEY mc_id)

Field	Type	Null	Default	Extra
mc_id	int(11)	NOT NULL		auto_increment
mc_parent_id	int(11)	NOT NULL	-1	
mc_title	text	NOT NULL		
mc_language	varchar(30)	NOT NULL		

nuke_me_menuitems (PRIMARY KEY mc_id)

Field	Type	Null	Default	Extra
mc_id	int(11)	NOT NULL		auto_increment
mc_parent_id	int(11)	NOT NULL	-1	
mc_block_id	int(11)	NOT NULL	-1	
mc_language	varchar(30)	NOT NULL		
mc_title	text	NOT NULL		
mc_type	tinyint(4)	NOT NULL	0	
mc_newwindow	tinyint(4)	NOT NULL	0	
mc_uri	text	NOT NULL		
mc_start_date	datetime	NOT NULL	2003-05-13 01:16:02	
mc_end_date	datetime	NOT NULL	2038-01-18 00:00:00	
mc_status	tinyint(4)	NOT NULL	1	
mc_weight	float	NOT NULL	0	
mc_rollover_img1	blob			
mc_rollover_img2	blob			
mc_bg_img	blob			
mc_rollover_img1_file	text			
mc_rollover_img2_file	text			
mc_bg_img_file	text			
mc_rollover_img1_size	int(11)	NOT NULL	0	

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Field	Type	Null	Default	Extra
mc_rollover_img2_size	int(11)	NOT NULL	0	
mc_bg_img_size	int(11)	NOT NULL	0	
mc_rollover_img1_type	text			
mc_rollover_img2_type	text			
mc_bg_img_type	text			

nuke_mme_mediaitems (
 PRIMARY KEY mc_id,
 UNIQUE KEY mc_filename_2 (`mc_filename`),
 KEY mc_filename (`mc_filename`))

Field	Type	Null	Default	Extra
mc_id	int(11)	NOT NULL		auto_increment
mc_filename	varchar(255)	NOT NULL		
mc_filesize	int(20)	NOT NULL	0	
mc_type	text	NOT NULL		