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## Building an eZ publish site

This chapter is basically a step-by-step tutorial that explains how to build an eZ publish site from scratch. The tutorial is written for eZ publish 3.5. It is targeted at people who have little or no previous experience with eZ publish, but have some generic knowledge about web development. The tutorial demonstrates how eZ publish can be used to build a dynamic community-website, based on the "learning-by-example" technique.

Throughout this chapter, a lot of new topics will emerge. Because of the flexible and complex nature of eZ publish, it is impossible to understand and learn everything at once. Thus, the text will guide the reader through a sequential learning process. In other words: he should pay some, but definitely not too much attention to details, because advanced and complex functionality is explained in succeeding chapters.

## Comments

### Make Resuable site package

Tuesday 06 June 2006 12:42:30 pm

Ajay Tyagi

hi, I want to know if i have web page then how can i put that page as a resuable site, i don't have site-color.css, and other .css file. i have only one css file. then how should i proceed????

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### Created

17/10/2003  
10:36:38 am  
by Balazs Halasy

### Last updated

24/11/2004  
10:13:36 am  
by Sandro Groganz

### Authors

Balazs Halasy  
George Amaro  
Sandro Groganz

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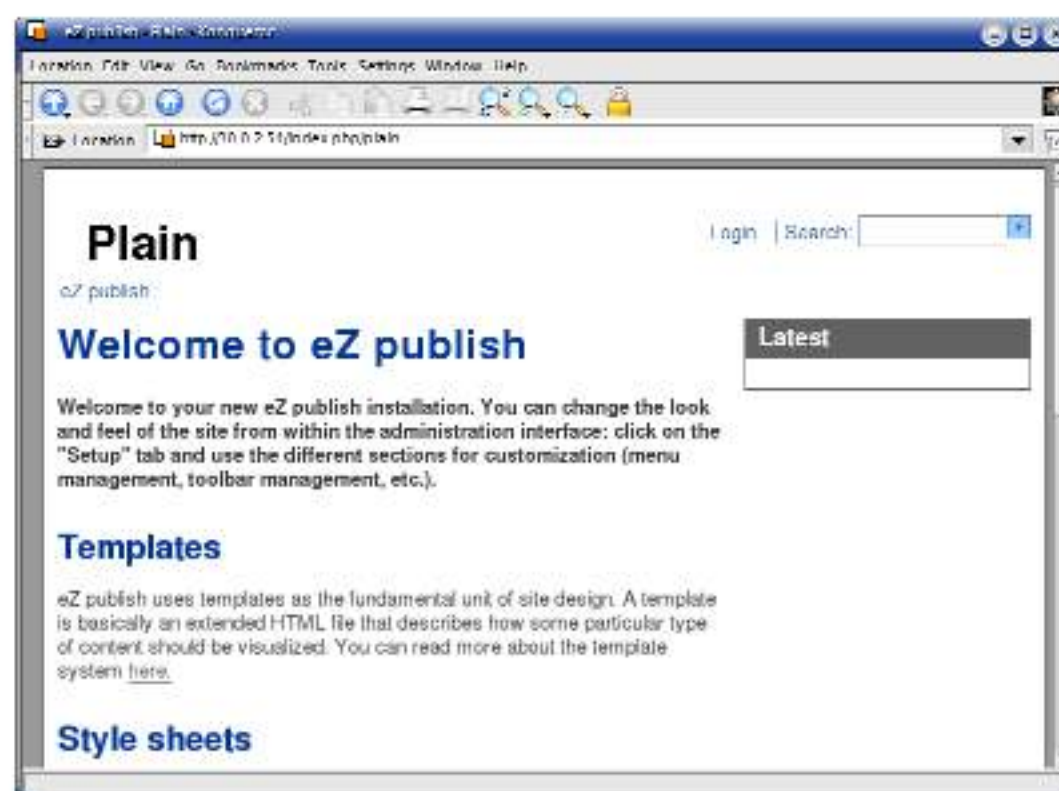
## Prerequisites

To follow this tutorial, you should have:

- A fresh installed version of eZ publish 3.5 with the following settings:
  - Primary language: English (Without additional languages)
  - Site template(s): plain (Without modules)
  - Site access configuration: URL
- Access to the (eZ publish) files in the filesystem. Either by uploading a new version or modifying these files directly.
- Basic knowledge about HTML and CSS.

If you have installed the plain site correctly then you are able to access the user and administration interfaces. The URL to the default public/user interface of the "Plain" site is: <http://www.example.com/path/index.php/plain>

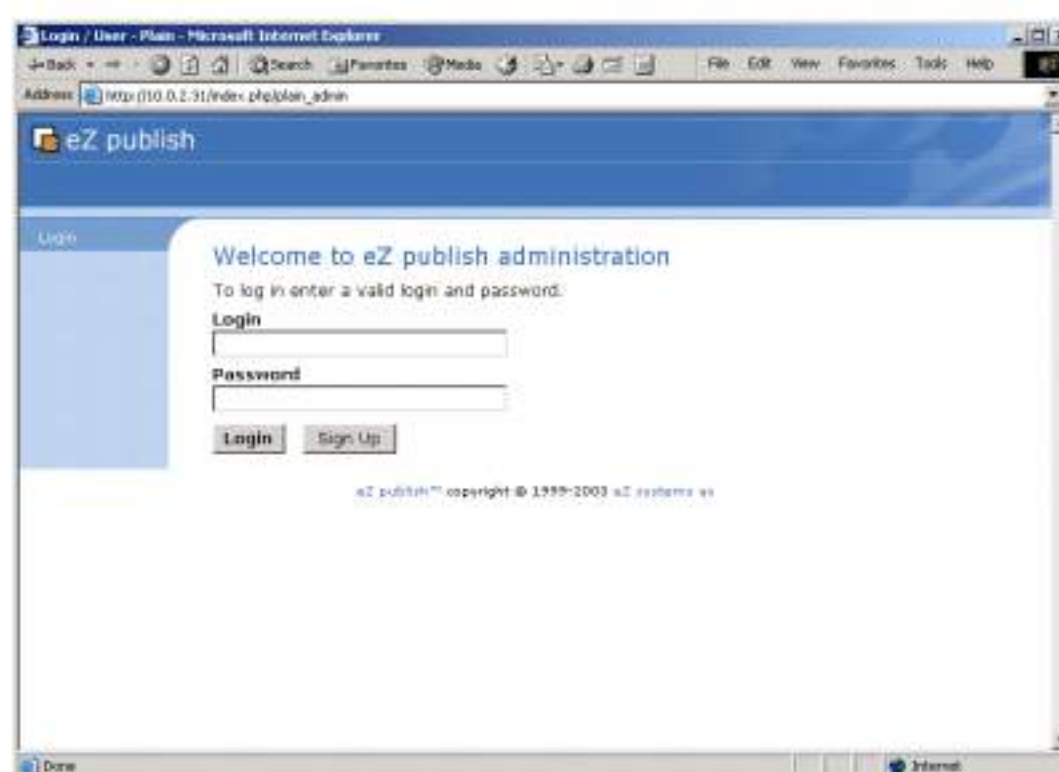
And looks like:



The following URL of the administration interface will take you to the login section of this site:

[http://www.example.com/path/index.php/plain\\_admin](http://www.example.com/path/index.php/plain_admin)

The administration site looks like the following screenshot:



## Comments

### URLs are case sensitive

Monday 14 March 2005 9:59:11 pm

Fred Nerks

F.Y.I. eZ publishes URLs are case sensitive.

E.G. if you defined your admin URL to:

[http://www.example.com/path/index.php/MY\\_admin](http://www.example.com/path/index.php/MY_admin)

Then:

[http://www.example.com/path/index.php/my\\_admin](http://www.example.com/path/index.php/my_admin)

Will generate a "Module not found" error.

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by Balazs Halasy

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by Raymond Bosman

### Authors

Balazs Halasy  
Sandro Groganz  
Raymond Bosman

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## Situation

Lets assume that you are approached by members of a local chess club called "The Scandinavian Check Mates", TSCM for short. This is basically a small community that consists of approximately 40 chess fanatics. The club has a homepage for several years now, which was made by a former TSCM member. Unfortunately, this member has moved to the other side of the planet and has no intention of maintaining the TSCM webpages. Because of the increasing popularity of the internet and the club itself, the members have decided that something should be done with the site, which currently looks a bit "outdated".

The club members have no experience with web development. However, they all know how to use a computer. Lately, they've been surfing around the internet, and have come up with a temporary/preliminary list of requirements for a new club-site:

- It should look slick & fancy, but not too bloated.
- It should be easy to maintain/update and extend the site.
- There should be a page with news bulletins.
- A list of members should be included.
- It would be nice to have a guestbook of some sort.
- A page with links to external chess or educational sites should be included.

What we have here is a typical situation where an organization needs a new website. The club members have been inspired by looking at various sites on the internet and have a fairly good idea of what they want. However, keep in mind that this is only a preliminary list of requirements. An experienced developer should already have a gut feeling, telling that the club certainly will come up with new requests along the way. In other words, we should be flexible throughout the entire development process. Fortunately, flexibility and dynamic behavior are some of the key features of eZ publish. Within a couple of hours, we shall deliver a powerful, dynamic, modern and expandable web solution that could be easily changed to suit any kind of small/mid-sized community.

## Comments

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#### Authors

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## Creating the TSCM site

The eZ publish CMS can handle multiple sites. To create a new site, we have to modify the initialization files and set up the site access files and directories. In this tutorial we will modify the existing "Plain" site. The elements and default files which were generated during the standard installation will be reused.

### 1. Renaming the siteaccess directories

A site has two interfaces: an user and an administration interface. Inside eZ publish, these are called "plain" and "plain\_admin". The "settings/siteaccess/" directory contains subdirectories for sites that eZ publish may be configured to run. Navigate to this directory and rename "plain" to "tscm" and "plain\_admin" to "tscm\_admin".

Make sure that the user running the web server has write access to the "settings/siteaccess /tscm" directory and the files that reside inside it.

### 2. Modifying the siteaccess files

eZ publish comes with a lot of configuration files, all residing in the "settings" directory. The ".ini" files are the default eZ publish configuration files. You should never change these files. Instead, you should use the override system, which is basically a set of files containing settings that will override the default configuration. In addition to the global override configuration files, each site can have its own set of override files. eZ publish reads the configuration files in the following order:

1. Default configuration files (/settings/\*)
2. Site specific override files (/settings/siteaccess/[sitename]/\*)
3. Global override files (/settings/override/\*)

Configuration settings in (1) will be overridden by settings in (2), which again will be overridden by settings in (3). Some of the override files end with an ".append" and some end with the ".append.php" extension. The latter is because of security issues related to sites running in non virtual host mode.

Edit the "settings/siteaccess/tscm/site.ini.append.php" or "settings/siteaccess /tscm/site.ini.append" file. (It is correct that the settings are commented out with the /\* and /\* marks.)

Modify the "SiteName=Plain" setting by replacing "Plain" with "The Scandinavian Check Mates".

Modify the "SiteDesign=plain" setting to "SiteDesign=tscm". This tells the system to use the "tscm" design when the user/public interface of the TSCM site is accessed.

Modify the "VarDir" setting to equal "var/tscm". This tells the system to use the "var/tscm" directory instead of "var/plain".

Add the following lines above the last line of this file:

```
[TemplateSettings]
TemplateCache=disabled
Debug=disabled

[ContentSettings]
ViewCaching=disabled

[DebugSettings]
DebugOutput=enabled
```

When building a site, it is always a good idea to turn off the cache engines and enable debug output. When the "DebugOutput" is set to "Enabled", eZ publish will print a lot of debug related information right below the actual page that it has rendered. Use this information to solve problems. Debug output may be turned off at any time by replacing "DebugOutput=enabled" to "DebugOutput=disabled". The screenshots within this tutorial will not contain any debug output.

Edit the "settings/siteaccess/tscm\_admin/site.ini.append.php" file.

Modify the "SiteName=Plain" setting by replacing "Plain" with "The Scandinavian Check Mates".

The "SiteDesign" setting in this file tells the system to use the default admin interface, which is exactly what we want.

Modify the "VarDir" setting to equal "tscm". This tells the system to use the "var/tscm" directory instead of "var/plain".

### 3. Modifying "settings/override/site.ini.append.php"

Edit the "settings/override/site.ini.append.php" file and replace the occurrences of "plain" and "plain\_admin" with "tscm" and "tscm\_admin". You'll probably have to do this four times.

### 4. Removing the plain var directory

Under "var/", each site has a directory that is used for storage of site specific content files (usually images and binary files), logs and cache files. If the "var/plain" directory exists, rename it to "var/tscm" or just delete it. eZ publish will automatically create a new "var/tscm" directory if it does not exist.

### 5. Creating a design directory

In the root directory of eZ publish, there is a subdirectory called "design". This directory contains all the design related files that may be used by various sites. Navigate into the design directory and create a subdirectory called "tscm". We will not (re)use any of the files that reside in the "plain" directory; feel free to remove it.

Under the "design/tscm" directory, create the following subdirectories:

```
fonts                (for fonts, used when rendering bitmaps of text)
images               (non-content specific images; banners, logos, etc.)
override             (for custom overrides)
override/templates  (for custom overrides)
stylesheets          (for CSS files)
templates            (for site-specific templates)
```

Notice that a subdirectory called "templates" is created inside the "override" directory. Also make sure that the user running the web server has write access to the this directory.

In the next section we will test the basics of our TSCM site.

## Comments

### Wizard's not that useful

Tuesday 09 August 2005 3:17:09 am

James Ashley

[quote]Bob: there is a wizard right after the installation that creates template sites more useful than "plain" (news, shop, ...).[/quote]

Of course, there are a lot of people (myself included) who haven't been able to get the wizard to work. And I haven't run across any way to run the wizard again to create a new site (the way we're doing here) without dropping your existing database, wiping out your install files, and rebuilding everything from scratch.

ez needs a lot of work in the UI department. At least from the standpoint of the install. Since I haven't been able to get past that phase, I don't have any idea what the rest of it's like.

### When renaming a "user" siteaccess...

Sunday 19 June 2005 2:28:41 pm

Thomas Equeter

...Do not forget to modify the "Anonymous" role to grant it access to the public part of your site!

User accounts > roles and policies > anonymous (edit) > user/login (edit) > siteaccess > your\_new\_site\_access, then save your configuration appropriately. Do this only for the "user" siteaccess of course, not for the admin interface.

See [http://ez.no/community/forum/inst\\_access\\_always\\_asks\\_for\\_login\\_3\\_50rc2](http://ez.no/community/forum/inst_access_always_asks_for_login_3_50rc2) for the details.

Bob: there is a wizard right after the installation that creates template sites more useful than "plain" (news, shop, ...).

### Creating a new site

Monday 02 May 2005 11:39:50 pm

Bob Hurt

You have got to be kidding. No, I guess you aren't. EZ Publish is supposed to be EASY. Guessing at all the work that has gone into it, I cannot imagine why the developers did not make a EZ Site button called "Create a site", then a little menu that offers selections like "Template site to use for pattern," "Make one from scratch," and so on. All this renaming and editing should be done automatically.

### Modifying SiteName

Monday 14 March 2005 9:50:32 pm

Fred Nerks

When modifying SiteName under [SiteSettings], don't forget to clear the cache files or you wont see the changes.

To delete the cache you have to login to the administration interface. When you are logged in: click on the setup tab (top), click on "Cache Management" (left), and click on "Clear ini caches" (right).

### It's not there in CVS

Wednesday 22 December 2004 3:49:28 pm

Frederik Holljen

But the installer creates it, and you may create it yourself.

### 3.5 svn

Tuesday 21 December 2004 7:34:38 pm

JM P

#### 3. Modifying "settings/override/site.ini.append.php"

Edit the "settings/override/site.ini.append.php" file and replace the occurrences of "plain" and "plain\_admin" with "tscm" and "tscm\_admin". You'll probably have to do this four times.

---

There is no "override" subfolder in the settings folder that I got from today's 3.5 svn release!

Log in or create a user account to comment.

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by Raymond Bosman

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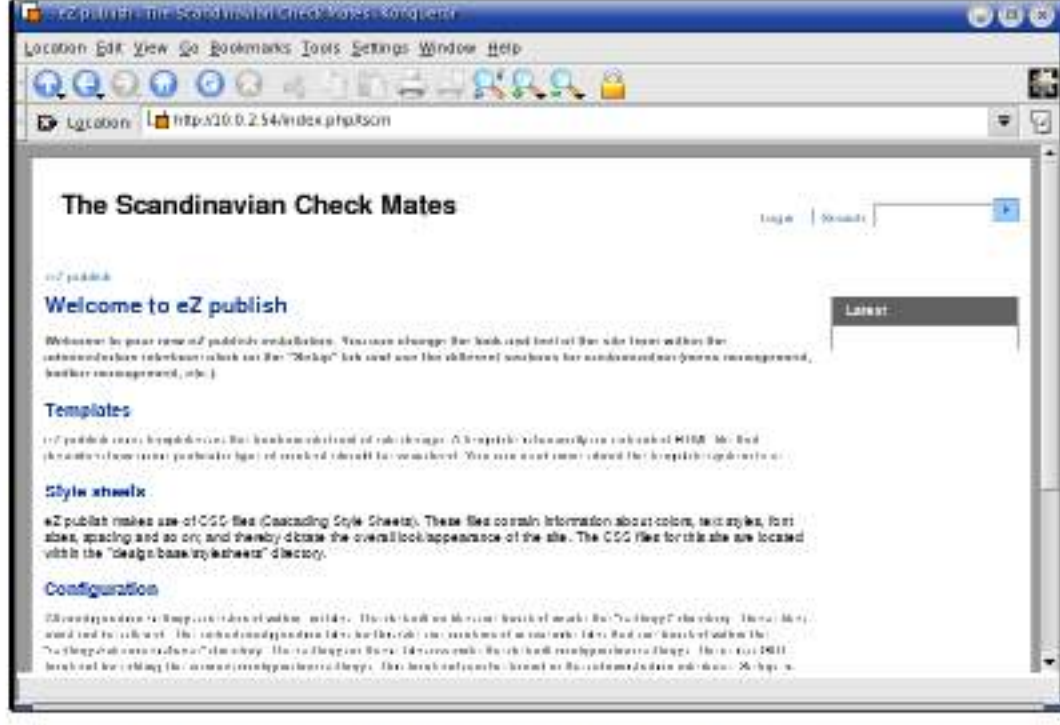
Testing the interfaces

In this section we test the public interface first. Hereafter we will take a closer look at the administration interface.

Testing the public interface

You should be able to reach the public interface by the following URL: http://www.example.com/path/index.php/tscm (of course you have to replace the part between square brackets.)

The site should popup, which is presented in the following screenshot:



eZ publish will look for the templates in the design directory. Because the "design/tscm" directories are empty, the system falls back to the default templates. These templates are stored in the "design/standard" directory.

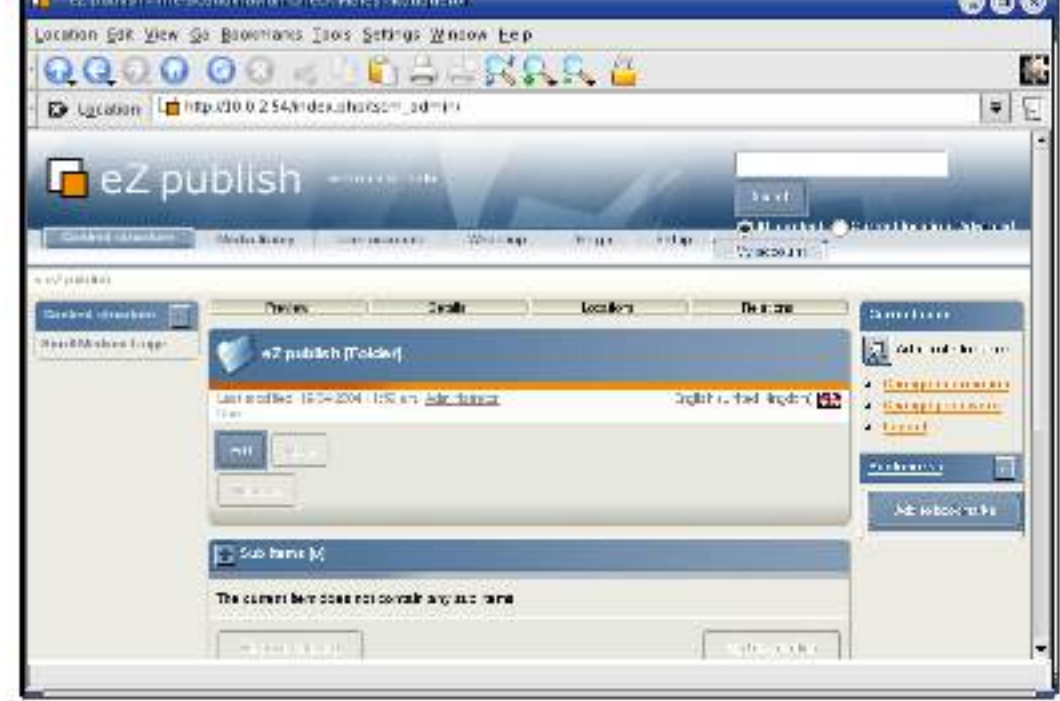
Testing the administration interface

The administration interface can be reached by the following URL: http://www.example.com/path/index.php/tscm\_admin

The login interface will appear. Type here the eZ publish administrator username and password combination:

username: admin
password: specified during the installation.

After a successful login, your browser should display a page that looks like the following figure:



This is the standard administration page. What you're looking at is the root folder of the TSCM site. Because we did not create any content, the root folder is completely empty.

The administration interface will not be discussed in detail. However, throughout this tutorial you will learn how to use some its most important features. The point of this exercise was to bring up the interface and log in. To minimize hassle, simply stay logged in (you'll need to use the administration interface frequently). For a walkthrough of the interface itself, please refer to "The Administration Interface" chapter.

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Created

17/10/2003
12:58:29 pm
by Balazs Halasy

Last updated

23/11/2004
1:59:33 pm
by Raymond Bosman

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Raymond Bosman

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Comments

Strange redirects in admin [solved]

Wednesday 07 December 2005 8:49:15 am Charles Tanton

When I'm logged in to the admin site and try to change some settings like anonymous user role, I get this message: Redirecting to /sitename/index.php/sitesdesign\_admin/role/list and a button to click to redirect

Is this what's supposed to be happening at this point?

OK figured it out - that is supposed to be happening because of the setting: DebugRedirection=enabled in site.ini.append.php

To change it set this to disabled: DebugRedirection=disabled

Charles.

Cant log in as admin

Monday 28 November 2005 5:06:42 pm sonia naufal

When I try to access the user page it works fine but when accessing the admin page the following message is displayed
The requested page could not be displayed. (1)

The system is unable to display the requested page because of security issues.

Possible reasons:

- \* You are not logged into the system. Please log in.
\* The requested page does not exist. Try changing the URL.

What could be the problem

Debug errors

Wednesday 01 June 2005 2:07:11 pm Tatiana Vorob'eva

I've got the same problem. Is it a system bug?
Could somebody help me?

Clearing the /var cache

Saturday 30 April 2005 8:18:34 am Robert Besaw

If you already loaded your pages once or twice, the changes may not show up on the page. In the var/ there is a folder that if deleted will refresh changes made to the site.append.ini.php files.

Errors on Public Interface

Wednesday 16 February 2005 4:44:35 pm gato pardo

Hi
I had the same problem with the user index. I had to login in order to see it but Magne's tip solved the issue. However, eZ keeps sendin the same error report. I wonder if this is critical or what.

Error: Feb 16 2005 10:20:38
Invalid class identifier in subTree() classfilterarray, classID : gallery

Error: Feb 16 2005 10:20:38
Invalid class identifier in subTree() classfilterarray, classID : forum

Warning: PHP Feb 16 2005 10:20:38
strpos(): Empty delimiter. in c:\server\ezweb\var\tscm\cache\template\compiled\node\_list-53a1f11f86fd75c390ca37e1610dc99f.php on line 49

same problem

Sunday 13 February 2005 12:55:26 pm Aladdin Mouhameed

I made the changes in this page of the tutorial, and had the same problem with the public site, also made the changes that Magne suggested, and that solved the problem, but not completely

the debugging display still shows:

Error: Feb 13 2005 13:57:00
Invalid class identifier in subTree() classfilterarray, classID : feedback\_form
Error: Feb 13 2005 13:57:00
Invalid class identifier in subTree() classfilterarray, classID : gallery
Error: Feb 13 2005 13:57:00
Invalid class identifier in subTree() classfilterarray, classID : forum

About problems with the public interface...

Sunday 02 January 2005 12:41:49 pm Magne H

I think this might help someone. I am new to eZ and ran into a similar problem during the tutorial. Got the errors shown below, and had to log in to view the public page...

Tried to figure out what could cause this, and had a look at the roles. (Admin-interface->"User accounts"->"Roles and policies"->...)

The default role "Anonymous" has the following policy with "Module=user" and "Function=login" limited to "SiteAccess( plain )" just after finishing the installation of the "Plain"-site.

During the tutorial we removed the entire "Plain"-site. If you look at the role "Anonymous" after a few steps, you might find that the policy mentioned above now is limited to "SiteAccess( )". Access to nothing...

Try to edit the existing role and set the limitation to the "tscm"-site ("SiteAccess( tscm )").

This helped me, and now the both the login-problem and the errors are gone

My first experience with eZ is great. Keep up the good work!

/Magne

Trying to display the admin interface returns an error

Thursday 30 December 2004 10:25:42 pm Natalie Calvert

I made all the changes in settings/, var/ and design/ directories as described in "Creating the TSCM Site" step. I have no problem displaying the non-admin intercaes, but the attempt to access the admin interface returns the following errors:

-----
Fatal error: eZ publish did not finish its request

The execution of eZ publish was abruptly ended, the debug output is present below.

eZ debug
Timing:
Dec 30 2004 18:25:26

Module start 'user'

Warning: PHP
Dec 30 2004 18:25:26

main(/var/plain/cache/template/compiled/common.php): failed to open stream: No such file or directory in /htdocs/var/pi/cache/template/compiled/login-202f6bde913d5dd17b14e0368d39b919.php on line 9

Warning: PHP
Dec 30 2004 18:25:26

main(): Failed opening 'var/plain/cache/template/compiled/common.php' for inclusion (include\_path=/htdocs/...:pear/lib:/var/www/pear/lib) in /htdocs/var/pi/cache/template/compiled/login-202f6bde913d5dd17b14e0368d39b919.php on line 9

-----

re: Public interface access

Wednesday 29 December 2004 12:06:39 am Fredrik ohrberg

Bård,

do a mean I should download a whole different setup file, or can I adjust something in the one I have to make it work? Just trying to go through the tutorial. I downloaded the file from http://ez.no/content/download/757...5file/ezpublish-3.5.0\_installer.exe

-Fred

I think I have the same problem.

Tuesday 28 December 2004 8:35:06 pm Faust Gertz

Error: Dec 28 2004 13:27:33
Invalid class identifier in subTree() classfilterarray, classID : feedback\_form

Error: Dec 28 2004 13:27:33
Invalid class identifier in subTree() classfilterarray, classID : gallery

Error: Dec 28 2004 13:27:33
Invalid class identifier in subTree() classfilterarray, classID : forum

Warning: PHP Dec 28 2004 13:27:33

strpos(): Empty delimiter. in c:\ezpublish\ezpublish\var\tscm\cache\template\compiled\node\_list-53a1f11f86fd75c390ca37e1610dc99f.php on line 49

Public interface access

Monday 27 December 2004 11:45:35 pm Bård Farstad

Fredrik, you have probably installed the Intranet package. This is configured to require login to get access to the public interface (user site).

-bård

I had to login to get the Public interface to show

Sunday 26 December 2004 6:15:42 pm Fredrik ohrberg

Any ideas why I had to login? Still after login in some debug errors came up. But page was showing ok.

/Fred

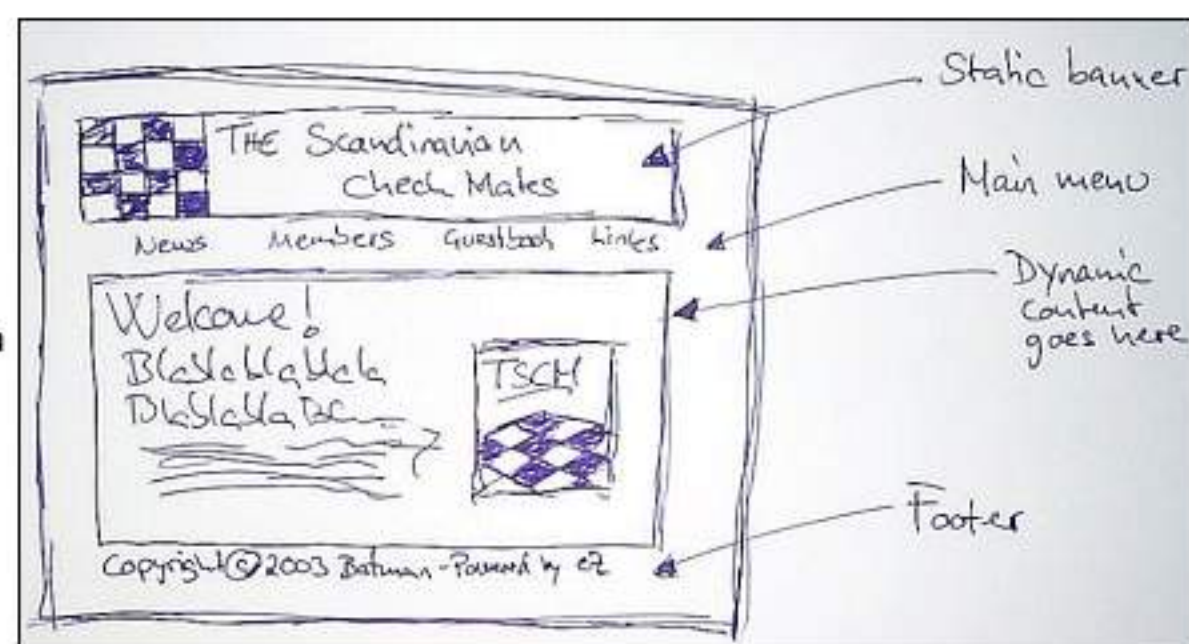
Log in or create a user account to comment.

## Setting up the main layout

Lets keep things at a simple level. We'll put up a nice banner and a static menu on the top of the page, reserve some space for dynamic content in the middle, and include a small footer at the bottom. The following raw sketch illustrates how we wish to structure the layout of the site:

In other words, the TSCM site will consist of 5 parts:

- Welcome page
- News section
- Member list
- Guestbook
- Links



## Comments

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by Balazs Halasy

#### Authors

Balazs Halasy

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## Creating a bare-bone main template

eZ publish uses templates as the fundamental unit of site design. A template is basically an extended HTML file that describes how some particular type of content should be visualized. The system will automatically look for a file called "pagelayout.tpl", which is the main template file. If it isn't found, eZ publish will fallback to the default/standard "pagelayout.tpl" file (which resides under design/standard/templates/...).

Lets put some content into our own "pagelayout.tpl" file. At the minimum, it should contain the following lines:

```
{*?template charset=latin?*}  
  
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"  
  "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">  
  
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">  
  <head>  
    <link rel="stylesheet" type="text/css"  
      href="{stylesheets/core.css|ezdesign} />  
    <link rel="stylesheet" type="text/css"  
      href="{stylesheets/debug.css|ezdesign} />  
  
    {* Include the standard "page_head.tpl" file. *}  
    {include uri="design:page_head.tpl"}  
  </head>  
  
  <body>  
    Hello world!  
  </body>  
</html>
```

Clearly, this is simply a standard XHTML file with some additional eZ publish code. All eZ publish specific template code is inside the "{" and "}" brackets.

Copy & paste the lines from above into a text editor and save the file as "design/tscm/templates/pagelayout.tpl".

After adding this pagelayout, you must clear the overrides cache. (Because we override the default pagelayout.) To delete the cache you have to login to the administration interface. When you are logged in: click on the setup tab (top), click on "Cache Management" (left), and click on "Clear template caches" (right).

Try to surf the site ([...]/index.php/tscm). The browser should present you a page which contains the "Hello world!" string.

If the this page does not show this string, the permissions of the cache files may be incorrect. Therefore try to delete the directory: "/var/tscm/cache".

If you take a look at the document source (usually right click on the page and choose "View Document Source") you see the output that eZ publish has generated so far. If everything works properly, you should be able to see a bunch of meta and link-rel tags.

The following text contains a comprehensive explanation of the eZ publish specific code that we have put into our custom main template file. Feel free to skip to the next section (the following text is all about detail).

### Template charset revelation

```
{*?template charset=latin?*}
```

Reveals the charset of the template file to the template engine. If not specified, the engine will fallback to the default template charset, which is specified in the "site.ini" configuration file. It is possible to use special characters, for example UTF8 characters in a template. However, to be able to use the templates with an arbitrary charset, they should be written in plain ASCII.

### Special inclusion of style sheets

```
{ "stylesheets/core.css"|ezdesign}  
{ "stylesheets/debug.css"|ezdesign}
```

What happens here is that the text strings within the quotes are being piped into an operator called "ezdesign". This operator prepends the current site-design directory to the inputted text. The result is a valid file location. The first line will return "/design/tscm/stylesheets/core.css", the second line returns "/design/tscm/stylesheets/debug.css". If the file does not exist, the operator will simply fallback to the standard design (/design/standard/stylesheets/...). Instead of specifying a hardcoded location, we use the "ezdesign" operator. This will allow us to change the design of the site in an easy way without having to modify the template file itself. The "core.css" file is used by some of the standard templates; the "debug.css" file is used to format the debug output.

### Including the standard "page\_head.tpl" file

```
{* Include the "page_head.tpl" file. *}  
{include uri="design:page_head.tpl"}
```

The first line is simply a template comment (comments are placed inside "{" and "}"). The second line tells the template engine to include the "page\_head.tpl" file. The contents of the included file will be inserted at the exact position where the include function is called. Since we haven't got our custom "page\_head.tpl", the system will use the standard "page\_head.tpl" file (which is located here: "design/standard/templates/page\_head.tpl"). This is an important template file that takes care of setting some eZ publish specific variables, sets the HTML page title, generates meta information and so on. It should always be included.

## Comments

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17/10/2003  
2:59:48 pm  
by Balazs Halasy

#### Last updated

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by Raymond Bosman

#### Authors

Balazs Halasy  
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Raymond Bosman  
Ole Morten Halvorsen  
Freddy Vulto

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## Creating and using a custom style sheet

So far we have only set up some basic things without generating any remarkable visual output. Lets add some custom CSS code and tell the main template to use it. The following parts of the tutorial will heavily depend on the CSS code presented in this section, so make sure you do this part right.

The CSS code will tell the browser to use a custom background image, called "background.png". This image file is available from the following link: [background.png](#). Grab and save the image as "design/tscm/images/background.png". Make sure that the webserver can read the image (e.g. `chmod a+r background.png`).

### Creating a custom CSS file

Copy & paste the following lines (from the box below this text) and save the file as "design/tscm/stylesheets/tscm.css".

```
body
{
  background-color: #ffffff;
  background-image: URL("../images/background.png");
  background-repeat: repeat;
}

p
{
  font-size: 80%;
}

td
{
  font-size: 100%;
}

hr
{
  height: 0px;
}

a
{
  color: #444444;
}

a:visited
{
  color: #666666;
}

a:hover
{
  color: #aaaaaa;
}

.main
{
  width: 732px;
  margin-left: auto;
  margin-right: auto;
}

.border
{
  color: #ffffff;
  background-color: #333333;
}

.menu
{
  width: 80%;
  background-color: #474747;
  margin-left: auto;
  margin-right: auto;
  text-align: center;
  font-size: 80%;
  padding: 2px;
}

.menu a
{
  color: #cccccc;
}

.menu a:visited
{
  color: #bbbbbb;
}

.menu a:hover
{
  color: #eeeeee;
}

.content
{
  padding: 32px;
  text-align: left;
}

.footer
{
  color: #bbbbbb;
  background-color: #333333;
  padding: 4px;
  text-align: center;
  font-size: 70%;
}

.footer a
{
  color: #eeeeee;
}

.footer a:visited
{
  color: #eeeeee;
}

.footer a:hover
{
  color: #ef8e00;
}

.pagetitle
{
  font-size: 170%;
  padding-bottom: 8px;
}
```

### Using the custom CSS file

Edit the main template file ("design/tscm/templates/pagelayout.tpl"). In the head section, add the following code after the already existing stylesheet-related lines:

```
<link rel="stylesheet" type="text/css"
href="{stylesheets/tscm.css|ezdesign}" />
```

This line will tell eZ publish to make use of the custom CSS file that we just created.

After you refresh the TSCM page in the browser. You should see that the background has changed from plain white to grayish vertical stripes. (If the background does not change, try to clear the cache.)

## Comments

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by Raymond Bosman

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## Customizing the main layout

It is time to create the main layout for the site. We'll set up a simple layout using a table. The table will be split up into the following sections:

The following list contains links to the banner and the layout-images that will be used to create the main appearance of the site.

- Banner image: [banner.png](#)
- Upper left section of chess piece: [piece\\_upper\\_left.png](#)
- Upper right section of chess piece: [piece\\_upper\\_right.png](#)
- Lower left section of chess piece: [piece\\_lower\\_left.png](#)
- Lower right section of chess piece: [piece\\_lower\\_right.png](#)

Chess piece	Banner	Chess piece
Chess piece	Main menu	Chess piece
Border	Dynamic content	Border
Footer		

Grab and save these images inside the "design/tscm/images/" directory.

### Setting up the main layout

Edit the main template file ("design/tscm/templates/pagelayout.tpl"). Copy & paste the lines from the box below into the "body" section within the template file itself (simply replace the "Hello world!" string with the following code).

```

<!-- Main table -->
<table cellspacing="0" cellpadding="0" class="main">

  <!-- Chess piece + banner + chess piece -->
  <tr>
    <td></td>
    <td><a href="{"/|ezurl}>img src="{banner.png|ezimage}" /></a></td>
    <td></td>
  </tr>

  <!-- Chess piece + main menu + chess piece -->
  <tr>

    <!-- Left chess piece -->
    <td></td>

    <!-- Main menu -->
    <td class="border">

      <!-- Main menu table -->
      <table cellspacing="0" cellpadding="0" class="menu">
        <tr>
          <td><a href="{"/|ezurl}>News</a></td>
          <td><a href="{"/|ezurl}>Members</a></td>
          <td><a href="{"/|ezurl}>Guestbook</a></td>
          <td><a href="{"/|ezurl}>Links</a></td>
        </tr>

        <!-- End of main menu table -->
      </table>

    </td>

    <!-- Right chess piece -->
    <td></td>

  </tr>

  <!-- Left border + dynamic content + right border -->
  <tr>
    <td class="border"></td>
    <td class="content">{module_result.content}</td>
    <td class="border"></td>
  </tr>

  <!-- Footer -->
  <tr>
    <td colspan="3" class="footer">
      {include uri="design:footer.tpl"}
    </td>
  </tr>

<!-- End of main table -->
</table>

```

### The footer

Notice that the main template includes a file called "footer.tpl". In other words, the actual content of the footer will be put into this file instead of the main template file. This is simply done in order to demonstrate and practice the split-up and inclusion of template files. Create an empty text file and copy the following line into it (everything on one line):

```

Copyright © 2003 - The Scandinavian Check Mates -
Powered by <a href="http://ez.no">eZ publish</a> &trade;

```

Save the file as "design/tscm/templates/footer.tpl".

Hereafter you must clear the override cache; thus press "Clear template caches" in the administration, setup, cache management menustructure. (Otherwise the footer will not appear.)

### Testing

Reload/refresh the TSCM page again. You should see something that resembles the following screenshot:



## Comments

### TSCM paglayout images

Thursday 15 June 2006 8:51:16 am

OOzy Pal

The above images are no longer available. Please please put them back.

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### Authors

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## Creating sections

In order to be able to separate and manage various parts of the site, we have to use something called *sections*. Sections are used to segment the site in a logical way. They are very handy when it comes to the creation of custom templates (override of standard templates in different ways) and access control. For more information about sections, please read the [Sections](#) section within the "eZ publish basics" chapter.

The TSCM site can be divided into four dynamic sections:

- News
- Members
- Guestbook
- Links

This separation will make our work a lot simpler when it comes to creating custom templates that will override the standard templates. The following list of steps explains how to create the sections:

1. Make sure you're logged into the administration interface.
2. Select/click the "Setup" tab.
3. Click on "Sections" (from the menu on the left hand side).  
The interface will display a list of the current sections.
4. Click "New section".
5. In the name field, type in "News section".
6. Set the "Navigation Part" dropdown box to "Content structure".
7. Click "OK".

Repeat steps 5 through 7 for the remaining sections using the following section names:

"Member section"  
"Guestbook section"  
"Link section"

That's it.

## Comments

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#### Authors

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Raymond Bosman

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## The welcome page

This section explains how to

- make use of the CMS to store a welcome page
- configure eZ publish to show the welcome page by default
- set up a custom layout/design for the welcome page

## Comments

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by Balazs Halasy

#### Authors

Balazs Halasy

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## Adding the contents of the welcome page

eZ publish comes with a handful of ready-to-use content classes. Instead of hardcoding the contents of the welcome page into a template file, we will use one of these classes for storing it. The article class is more or less suitable for this purpose.

1. Make sure you're logged into the administration interface.
2. From the dropdown box in the middle of the screen, select "Article".  
Click the "Create here" button.  
The edit article page will appear.
3. Put some text into the *title*, *intro* and the *body* fields.  
Feel free to use the example text presented here:  
**Title:**  
*Welcome to the TSCM website!*  
**Intro:**  
*The Scandinavian Check Mates (TSCM) is a popular chess club located in Skien, the sub-capitol of Norway. The check mates have been supporting chess-activities in Skien continuously since the founding of TSCM in 1921.*  
**Body:**  
*We are a non-profit organization, incorporated with the state of Norway in 1963, that is dedicated to the advancement of the game. As the recognized state affiliate of our national organization, the Norwegian Chess Federation, we are responsible for sponsoring and conducting all local championship tournaments for both youths and adults. Our extensive scholastic program includes holding the state team championship event for primary, elementary, middle school, and high school teams. At present, we have nine championship tournaments available for adults, with all but the Senior Championship and Women's Championship open to everyone. We frequently lend assistance and give publicity to local organizers who run chess tournaments and promote chess events.*
4. Upload the thumbnail image [chess\\_kings.png](#) by: clicking the "Upload new" button, selecting a file, press the "upload" button. Now select this object as image: click the "Find object" button, press the up-arrow, click on the "Media" link, select the radio button "chess\_kings", and press "OK".
5. Click the "Send for publishing" button. We are done.  
The system will bring you back to the root folder.

## Comments

### Just a Note

Wednesday 17 August 2005 2:41:09 am

James Ashley

The very starting instructions are assuming you're at the Content structure main menu tab. There aren't many other places I've found a drop-down box in the middle of the page to create a new article.

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### Authors

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## Setting the default page

The default configuration (for the TSCM site) displays the eZ publish default welcome page. However, this is not the desired behaviour. We will change the default display to the welcome article that we just created. Therefore we have to perform the following steps:

- Find the identification number of the node that points to the content object which contains the actual welcome article.
- Make a site-specific configuration change that will instruct eZ publish to display the desired node.

### Finding the ID of the node we want to display

In the administration interface, hover the mouse pointer over the article that you just created (titled "Welcome to the TSCM website!"). The text with the Node ID and Visibility will appear. Make a note of this Node ID.

### Changing the default node

Bring up the "settings/siteaccess/tscm/site.ini.append.php" file in an editor. Add to the SiteSettings section the following line:  
IndexPage=/content/view/full/[NodeID]"

Replace [NodeID] for the node (only the number, no square brackets) of your article. If you browse the site now, you will see something like this:



eZ publish will display the desired node using the standard template for the "Article" content class. The following section describes how to create and use a custom template.

## Comments

### Just a Guess

Wednesday 17 August 2005 3:12:48 am

James Ashley

Tatiana:

If you were following the tutorial instead of the delightful suggestion to use the Admin Panel, I bet you'd have to flush the INI cache. (I'm starting to form a picture here)

### Great! Well done, but it does not appear!

Friday 03 June 2005 5:19:27 pm

Tatiana Vorob'eva

While creating article it was ok, but I can't see it. There is no any error! It just invisible :)! What's wrong?

### Update for 3.4

Thursday 16 December 2004 10:19:09 pm

Joanie Chembars

To change the index page using 3.4 -- use the Admin panel - look under Set Up and then Settings - there is a nice little dialog box there for us now.....

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## Creating and using a custom template

Because we are unsatisfied with the way our welcome page is displayed, we will create a custom template. We can instruct eZ publish to use a desired template each time a specific node is accessed.

Our welcome page contains information that should not present in the welcome text. The date, the creator of the article, "Tip a friend", and "Download PDF version of this page" should be hidden. Therefore we override the default template, display the introduction text, body text, and the image.

The following guide should take you through the necessary steps.

1. Bring up the administration interface.
2. Click on the "Design" tab.
3. Click on "Templates" (in the menu on the left hand side).  
A list of template files will appear.
4. Locate a file called "/node/view/full.tpl" and click on it.
5. On the next page, simply click "New override".
6. Type in "full\_view\_welcome" into the template name field.
7. Make sure the dropdown box "Section" is set to "All sections" and "Class" is set to "All classes".
8. Type in the identification number of the welcome-page node.
9. Make sure that "Empty" is chosen in the "Base template on" section.
10. Press "OK" button.

eZ publish will then generate a custom template that will be used instead of the standard template every time the specified node is accessed. The newly generated template file will be put in the "design/tscm/override/templates/" directory. Edit the newly generated file. You can either use the administration interface, by clicking on the edit icon for the desired template file (if the 'could not open file' warning popups up, you can safely ignore it), or use your favourite text editor. Put the following lines into the file:

```
<div class="pagetitle">
  {attribute_view_gui attribute=$node.object.data_map.title}
</div>
<div class="imageright">
  {attribute_view_gui attribute=$node.object.data_map.image}
</div>
{attribute_view_gui attribute=$node.object.data_map.intro}
{attribute_view_gui attribute=$node.object.data_map.body}
```

This template code will simply extract the contents of the welcome object and display it in a nice way.

Raise the priority of this template to 1, and clear the override caches. The welcome page hides: the date, the creator of the article, "Tip a friend", and "Download PDF version of this page".

## Comments

**Image in 3.5.2**  
Friday 07 October 2005 11:43:17 am tagnet hopetalk

I could'nt display image image in both 3.5.1 and 3.5.2 .  
Could anyone solve this problem,

I also used this  
{attribute\_view\_gui attribute=\$node.object.data\_map.title}

and did'nt get title and then added data\_text

{attribute\_view\_gui attribute=\$node.object.data\_map.title.data\_text}

to get the title , Same way for image iam using

{attribute\_view\_gui attribute=\$node.object.data\_map.resource\_thumbnail}

but not getting the image.Is there any other combination to add at last in order to get the image displayed.Please help me ASAP in this case.

**Image doesn't display at all?**  
Wednesday 17 August 2005 3:29:08 am James Ashley

In 3.7.0.rc1. I'll probably trace it down later. I'm guessing some syntax change happened to define the image attribute. (The space between the appropriate <div>'s is empty).

**Custom templates broken in 3.5.1 - fixed in 3.5.2**  
Monday 25 April 2005 5:08:40 pm Jean Goffinet

Custom templates seemed to be broken (I did not achieve to use the full\_view\_welcome) with 3.5.1. Everything is working fine with today's update (3.5.2). Thanks eZ for the fix !

**Change siteaccess to tscm to make the template work**  
Saturday 22 January 2005 12:36:27 am vidar bakke

After step 2 I had to change "Siteaccess" from admin to tscm (remember to click "set") in order for the page to display correct. If not the template is used for admin access. Remember to raise the priority from 21 to 1. I'm not sure if it should be 19, 10, 7 or 1 :-)

**Welcome Page**  
Saturday 08 January 2005 12:53:23 pm Edwin Brooks

The following code does not accomplish what it is supposed to.  
In full\_view\_welcome.tpl:

```
<div class="pagetitle">
{attribute_view_gui attribute=$node.object.data_map.title}
</div>
<div class="imageright">
{attribute_view_gui attribute=$node.object.data_map.image}
</div>
{attribute_view_gui attribute=$node.object.data_map.intro}

{attribute_view_gui attribute=$node.object.data_map.body}
```

**Image floated right?**  
Tuesday 28 December 2004 9:28:34 pm Faust Gertz

To get it to work I had to remove '<div class="imageright">' and it's closing '</div>'. Otherwise I got embedded '<div class="imageright">'s which caused the image to float to the right, but the text to appear below it. At least this was the case with Firefox 1.0 and eZ Publish 3.5.0.

**Image in the right position of the text**  
Tuesday 07 December 2004 3:21:33 pm Nordine Tbahiti

The image is right-aligned but the text is below it.  
To have the image in the right side of the text I put the closing tag </div> at the last line.

**Finally!**  
Friday 03 December 2004 5:36:07 pm Steve Brown

After 5 or 6 attempts, I finally made it through 'Creating and Using a Custom Template.' I had to repeat one of the shell commands that was used during installation from the 'root' directory:

```
chmod -R a+rx design
```

This allowed creation of an empty file without the 'permission denied' error message. I was not able to edit the empty file from within the administrative interface, however.

I've been following a printed version of the building.pdf file as well as the online version (allows for copy/paste). Apparently these are different, the online version being more up-to-date (but not current with version 3.4.4).

At this point, I wouldn't mind an explanation of the templates under /node/view/full and how the priorities work. Also explain the formatting commands in full\_view\_welcome. The way the commands were explained in the 'Hello world!' example was excellent. This style should be followed throughout the rest of the documentation (now that I've successfully set up my welcome page, I can look at the rest of the documentation!)

Thanks for the great work on 'Ez publish!!!'

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**Created**

21/10/2003  
3:42:00 pm  
by Balazs Halasy

**Last updated**

23/11/2004  
2:07:19 pm  
by Raymond Bosman

**Authors**

Balazs Halasy  
erlend espedal  
Raymond Bosman

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## The news page

The news page will be the first "real" dynamic page that we create. Actually it will consist of not one, but three dynamic pages:

- Overview of the seven latest news articles
- Full display of a specific article
- News archive (list of all news articles)

The following sketch illustrates this:

As you can see from the illustration, the news overview will be accessible from within the main menu of the site. The full display of an article will be shown when the user clicks the title, the thumbnail image or the "Read more" part of a specific article (also by clicking on an article title from within the archive).

The archive will be accessible from the bottom of the news overview. It will simply present a list of all the articles that have been published. The articles in the overview and the archive list will be sorted by their publishing date (recent articles will appear at the top of the list).

### Adding more CSS

In order to format the news-related pages in a nice way, we need to add a bit more CSS. Simply copy and append the following CSS code to the contents of the "tscm.css" file.

```
.latest_news
{
    width: 75%;
    margin-left: auto;
    margin-right: auto;
}

.headline_link a
{
    color: #000000;
    font-family: Times New Roman, Times;
    font-size: 140%;
}

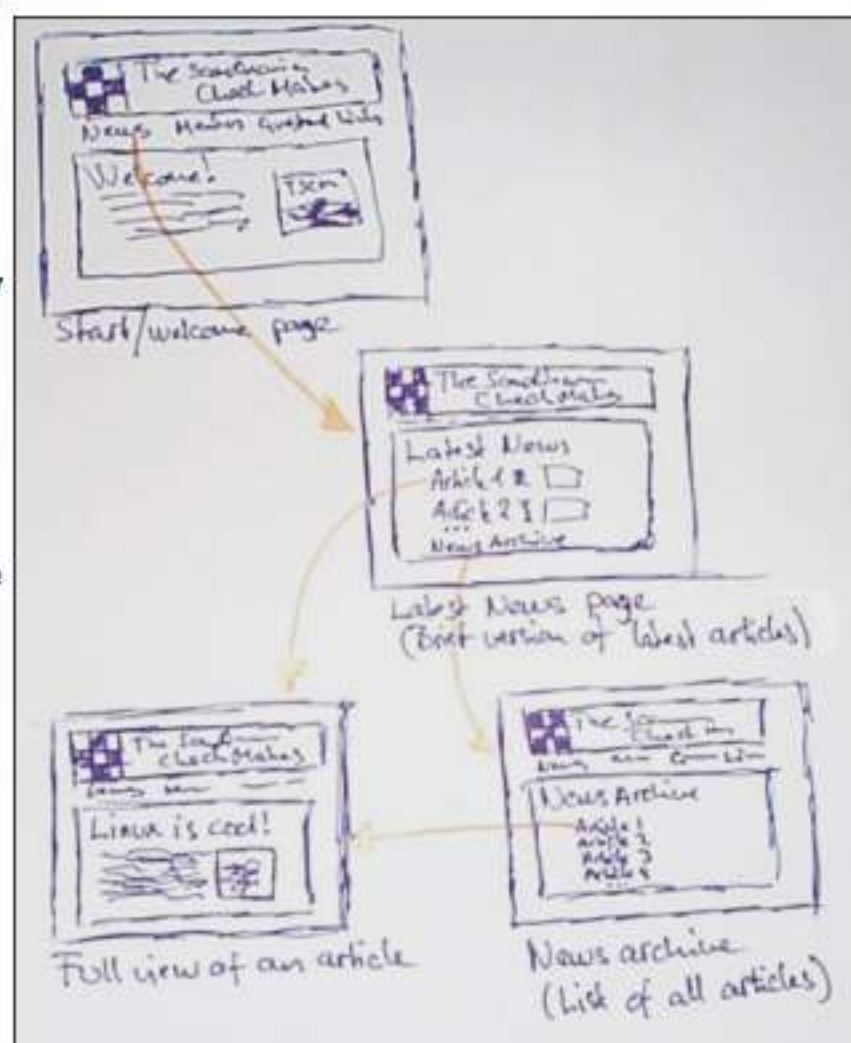
.headline_link a:visited
{
    color: #000000;
    font-family: Times New Roman, Times;
    font-size: 140%;
}

.headline_link a:hover
{
    color: #888888;
    font-family: Times New Roman, Times;
    font-size: 140%;
    text-decoration: none;
}

.headline
{
    color: #000000;
    font-size: 200%;
    font-family: Times New Roman, Times;
    padding-bottom: 24px;
}

.news_archive
{
    width: 85%;
    font-size: 80%;
    margin-left: auto;
    margin-right: auto;
}

.center
{
    font-size: 80%;
    text-align: center;
}
```



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### Created

22/10/2003  
9:53:13 am  
by Balazs Halasy

### Last updated

24/10/2003  
4:48:22 pm  
by Balazs Halasy

### Authors

Balazs Halasy

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## Comments

### "tscm.css" file

Sunday 30 April 2006 12:16:27 am

Johannes S.

where can i find this "tscm.css" file?? i have searched but not found.  
best.

[Log in or create a user account to comment.](#)

## Adding news articles

One way to start is by creating and structuring the actual news-content. The administration interface of eZ publish makes this an easy match. For the news section, we'll use two of the built-in content classes, *Folder* and *Article*. We'll create a folder dedicated for news. Later on, all news articles will be placed inside this folder. The following list of steps explains how to create the folder.

1. Bring up the administration interface.
2. Make sure you're in the root folder.  
(If not: click the "Content structure" tab).
3. From the dropdown box approximately in the middle of the screen, select "Folder".
4. Click the "Create here" button.
5. Fill out the *name* and the *description* fields.  
**Name:**  
News  
**Description:**  
*This folder contains all the news articles.*
6. Click "Send for publishing".
7. The system will bring you back to the root folder.

We created a folder to store our news articles. This folder is a container which we use to store information. The next step is to create several news articles which are stored in our folder.

1. Bring up the administration interface.
2. Make sure you are in the root folder.  
(If not: click the "Content structure" tab).
3. Click on the name of the folder that we just created.  
The system will take you to it (and show the empty contents of the folder).
4. From the dropdown box, select "Article"
5. Click the "Create here" button.  
The system will bring up the "Edit Article" page.
6. Fill in the *Title*, *Intro* and *Body* fields. For example, you could add the following content:  
**Title:**  
*Batman beats Joker at local tournament*  
**Intro:**  
*Batman was playing against the evil Joker. The game ended in a non-violent way. However, rumor has it that NCF is considering sanctions against both players in this game for crimes against chess.*  
**Body:**  
*After beating his main competition in round 2, The Joker seemed to have things wrapped up. Indeed, Batman quickly won two pawns in his round 3 game against The Joker (1412). Then Batman seemed to enter a twilight zone of the mind in which he forgot how to play chess. After a series of incredible blunders Batman escaped from a lost middlegame into a totally lost endgame, down a piece and several pawns in a simple position where the pawns could not be stopped. Then the Joker, 'dizzy from success' as the Russians say, allowed Batman to trap his bishop and force a repetition of the position; but the fat lady hadn't sung yet. Batman, dissatisfied with swindling a draw in a game which most players would long since have resigned, wanted more. So he declined to force the repetition, and promptly walked into a one-move knight fork of his own king and rook. Rumor has it that NCF is considering sanctions against both players in this game for crimes against chess.*
7. Add a thumbnail image (upload new, find object, folder up, Media, select 'article\_image\_01').  
Feel free to use this image: [article\\_image\\_01.png](#)
8. Click the "Send for publishing" button.  
The system will bring you back to the "News" folder.  
You should be able to see the title of article.  
(You can see the article: "[http://\[...\]/index.php/tscm/news](http://[...]/index.php/tscm/news)").

To have only one news article is boring, so lets create another one.

1. Simply repeat the first steps of the previous step-by-step list (create a news article in the news folder).
2. Feel free to use the following content:  
**Title:**  
*New TSCM site*  
**Intro:**  
*The board of TSCM has decided that it is time to change the original web page, which hasn't been changed since 1998. The new site will be powered by a system called eZ publish and will hopefully be a bit more flexible than the static page that we've had before.*  
**Body:**  
*Since John is gone, and because of the increasing popularity of the internet and our club, TSCM has decided to hire a freelance developer called Jane Doe to build a new TSCM site. The site will be running on the top of a sophisticated system called "eZ publish" (created by a handful of crazy people at <http://www.ez.no>) and will hopefully become the part of our new image. The Scandinavian Check Mates would like to thank John Doe (the previous webmaster) for his efforts. Rumors say that John moved to Brazil a couple of months ago. He will be offline for some years while researching the capitalist's primitive slaughter of the rain forests.*
3. Add a thumbnail image.  
Feel free to use this image: [article\\_image\\_02.png](#)
4. Click the "Send for publishing" button.  
The system will bring you back to the News folder.  
You should be able to see the title of the added articles.

## Comments

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#### Created

22/10/2003  
12:31:52 pm  
by Balazs Halasy

#### Last updated

23/11/2004  
2:08:43 pm  
by Raymond Bosman

#### Authors

Balazs Halasy  
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Ole Morten Halvorsen

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## Assigning the News folder to the News section

The "News" folder is currently assigned to the default eZ publish section, which is section one. However, we wish to gain a bit more control over the content that is inside this folder. This means that we'll have to assign the folder (and its contents) to a custom section. We've already created a couple of custom sections. The following text explains how to to assign the "News" folder (and its contents) to the "News section".

1. Bring up the administration interface.
2. Click on the "Setup" tab.
3. Click on "Sections" (from within the menu on the left hand side).
4. Locate the line that says "News section".
5. Click on the small "binder" icon (assign) which is within the "News section" line. The "Choose section assignment" page will appear.
6. Set the radio button to the "News" folder.
7. Click the "Select" button.

eZ publish will then assign the "News" folder and all the articles in it (also future articles that are placed there) to the "News section".

An anonymous user has incorrect permissions to view our news section. To set up the correct permissions, we perform the following steps:

1. Click on the "Setup" tab.
2. Click on "Roles and Policies" menu item.
3. Chose the "Anonymous" role.
4. In the dropdown menu on the bottom of the page: select "section".
5. Click "Assign with limitation".
6. Set the radio button to the "News section", and press OK.
7. Set the radio button to the "Anonymous users", and press OK.

Every user can access the news section.

## Comments

### Possible solution?

Tuesday 03 January 2006 7:03:08 pm

Tonny Steen

Hello,

I had the same issue and could not find any solution. Then when investigating the anonymous role I came across a lead. I observed that "Section( standard )" had read access and my section was not listed. I edited the role and added the same rights (content, read) to "Section( mytest )". It worked for me.

### same problem

Monday 26 December 2005 7:14:48 pm

Krzysztof ...

Hello,

I've got the same problem as *tmeurgey*. Futhermore when I want to cancel changes made by "Assigning the News folder to the News section" by removing all sections made by me during this tutorial and removing the permissions assigned to anonymous user I am still unable to read the news. I cleared all cache and nothing, i tried to mess up with anonymous user permissions but i didn't help...can anyone help ???

### problem

Wednesday 19 October 2005 2:16:29 pm

tmeurgey tmeurgey

hello,

i have followed the steps to grant anonymous user to see the news section but i always have to enter login / passwd when i click on the news label!  
did someone had the same problem?

[Log in](#) or [create a user account](#) to comment.

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### Created

24/10/2003  
3:13:53 pm  
by Balazs Halasy

### Last updated

24/11/2004  
1:56:40 pm  
by Sandro Groganz

### Authors

Balazs Halasy  
Sandro Groganz  
Clemens Timmermans  
Raymond Bosman

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## Overview of the latest news

The main menu (just below the site-banner) contains a link called "News". When this link is accessed, eZ publish should display the seven latest news articles. We'll achieve this functionality by creating a custom version of the "Folder" content class' full-view template. The full-view template will list the children of the node that is being accessed. Each child will be shown using a custom line-view template.

**Fixing the menu**  
First, we have to make sure that the link in the menu works. The following piece of code takes care of this:

```
<a href="{%news%|ezurl%}">News</a>
```

Insert this code into the "pagelayout.tpl" file (replace the previous News-link). Note that we're not telling eZ publish the ID of the node that contains the "News" folder. We're using the URL alias of the "News" folder, which is "news". The URL alias is piped into the "ezurl" operator. The operator takes care of setting the correct path based on the siteaccess settings.

Browse the TSCM site. Click on the "News" link. eZ publish will then display the contents of the "News" folder using the standard full-view folder template. A standard line-view template will be used to display each child of the folder. The browser should display something that resembles the following screenshot:



**Creating custom templates**  
The following text explains how to generate a custom full-view-template for the "Folder" content class within the "News" section.

- Bring up the administration interface.
- Click on the "Design" tab.
- Click on "Templates" (in the menu on the left hand side). A list of template files will appear.
- Locate "/node /view/full.tpl" and click on it.
- On the next page, simply click "New override".
- Type in "full\_view\_news\_folder" into the "Filename" field.
- Set the "Class" dropdown box to "Folder".
- Set the "Selection" dropdown box to "News section".
- Do not enter anything into the node field (leave it blank).
- In the "Base template on" section, select "Empty file".
- Click "OK".

This will generate an empty file ("design/tscm/override/templates/full\_view\_news\_folder.tpl") and instruct eZ publish to use it every time a folder in the "News section" is viewed. Put the following lines into the file, raise the priority (with 1 being the highest), and clear the cache.

```
<h1>Latest news</h1>

{* Grab some of the content of the node that is being viewed. *}
{let children=fetch( content, list, hash( parent_node_id, $node.node_id,

                                sort_by, $node.sort_array,
                                limit, 7,
                                class_filter_type, include,
                                class_filter_array, array(

'article' ) ) ) }

{* LOOP: For each child of the node... *}
{section name=Child loop=$children}

    {* Display the content of the child using a line-view template. *}
    {node_view_gui view=line content_node=$Child:item}

    <hr>

{* End of loop. *}
{/section}

{* End of namespace. *}
{/let}
```

- This piece of template code does the following:
- Displays the name of the node that is being viewed.
  - Grabs the seven most recent articles from the node that is being viewed.
  - Displays the grabbed articles using a line-view template.

Try to access the "News" page again (either by refreshing the page or by clicking on the "News" link on the main menu). You should be presented with something like this:



The newly generated full-view template will automatically make use of the standard line-view template. The following text explains how to create a custom template for the line-view of the "Article" class within the "News section".

- Bring up the administration interface.
- Click on the "Design" tab.
- Click on "Templates" (in the menu on the left hand side). A list of template files will appear.
- Locate "/node/view/line.tpl" and click on it.
- On the next page, simply click "New override".
- Type in "line\_view\_news\_article" into the "Name" field.
- Set the "Class" dropdown box to "Article".
- Set the "Selection" dropdown box to "News section".
- Do not enter anything into the node field (leave it blank).
- In the "Base template on" section, select "Empty file".
- Click "OK".

This will generate the "design/tscm/override/templates/line\_view\_news\_article.tpl" template file. eZ publish will use this template every time it is instructed to display a list-view of article objects within the "News section". Put the following lines into the file:

```
<table class="latest_news">
<tr>
<td colspan="2">
<div class="headline_link">
<a href="{%node.url_alias%|ezurl%}"
{attribute_view_gui
attribute=$node.object.data_map.title}
</a>
</div>
</td>
</tr>
<tr>
<td>
{attribute_view_gui attribute=$node.object.data_map.intro}
</td>
<td valign="top">
<a href="{%node.url_alias%|ezurl%}"
{attribute_view_gui
attribute=$node.object.data_map.image image_class="small"}
</a>
</td>
</tr>
</table>
```

This code snippet takes care of getting and displaying some of the contents of a news article. For each article, the headline, the intro and the article's thumbnail image is displayed. Browse the "News" page again. You should be looking at a page that resembles the following screenshot:



## Comments

**Watch out for permissions!**  
Friday 03 March 2006 10:05:25 am | Ciprian Popovici

Read this (Scott Terry's permission note):  
[http://ez.no/community/forum/setu...tes\\_being\\_created\\_in\\_wrong\\_directory](http://ez.no/community/forum/setu...tes_being_created_in_wrong_directory)

Apparently, ezPublish looks at the (permissions of the design/ and settings/ files and subdirectories. If the user PHP runs as (htpd, usually) doesn't have full write access on both dirs and files, it will place the new override template where it has.

If you've been following this tutorial and at some point have created new siteaccesses, you most likely didn't place proper permissions on them. The proper permissions are 770 for directories and 660 for files. Go around design and siteaccess and do this:

```
find design/ -type f -exec chmod 660 {} \;
find design/ -type d -exec chmod 770 {} \;
(repeat for siteaccess/)
```

If you don't, here's what happens: when you click "New override", the message will say it's gonna place the new override in design/admin/override/templates instead of your design dir, and you'll spend a while wondering if perhaps you should select a different siteaccess from the "Set" dropdown list, and what happens if you have several siteaccesses, and so on.

The big gotcha is that the "Set" dropdown list is just a "view" filter, it doesn't decide where the new template override goes. The folder permissions do.

Also a good idea would be to take a look here:  
[http://ez.no/community/forum/gene...t\\_tpl\\_and\\_site\\_css\\_strange\\_behaviour](http://ez.no/community/forum/gene...t_tpl_and_site_css_strange_behaviour)

...and make sure your AvailableSiteDesignList includes all your own designs, otherwise you may end up wondering why the Template cache doesn't clear even if you clear it manually.

**url alias /news -> /content/view/full/node\_id**  
Wednesday 13 April 2005 12:29:56 pm | David Goddard

This may be obvious but I thought I would share ... I couldn't see how a link in the template to /news was being translated to the system uri /content/view/full/node\_id\_of\_news\_folder without manually setting up some URL translation under the setup tab.

Transpires that automatic URL aliases are "generated from the object names of the parent object, i.e. the "path". It will convert the name to lower case 0-9 a-z and \_ characters", when you include in site.ini

```
[URLTranslator]
Translation=enabled
```

So a folder just under the root node of "Archive of Old News Articles" can be referenced using the url alias path "/archive\_of\_old\_news\_articles".

See [http://ez.no/community/forum/setup\\_design/nice\\_urls](http://ez.no/community/forum/setup_design/nice_urls) and [http://ez.no/ez\\_publish/documentation...ation/tips\\_tricks/creating\\_nice\\_urls](http://ez.no/ez_publish/documentation...ation/tips_tricks/creating_nice_urls)

**showing thumbnail image**  
Thursday 10 February 2005 4:24:16 pm | Scott Madeira

There are 2 steps to the process. the first is uploading the image and having it related to the news story. You can upload numerous things and have them be related to that news story.

the second part is assigning an image to the news story. In the image section of the news story you need to "Find Object" and then click on the "Media Library" tab at teh top of the page and then click on the "Images" link in the middle of the page and then select the image you want to display.

Then you can send for publishing and it should show up properly. The directions don't really address the two different phases of associating and then assigning.

Hope that helps.....

**not showing thumbnail text**  
Sunday 09 January 2005 12:45:46 pm | Erik Thorsen

This view doesn't show the thumbnail image text in this example... Anyone with any suggestions to fix this?

**'line\_view\_news\_article' final steps**  
Tuesday 28 December 2004 10:25:39 pm | Faust Gertz

For 'line\_view\_news\_article', don't forget to raise the priority and clear the cache.

**Class dropdown menu doesn't have Folder or Article as in option in 3.5 RC1**  
Friday 10 December 2004 2:21:37 am | Dave Myron

Under Override keys, Classes only has "All classes" as an option. Leaving it as All classes breaks the display of individual news items, of course (found this out by trying it).

This has been fixed in the trunk.

Log in or create a user account to comment.

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- Created
- 22/10/2003 1:37:17 pm by Balazs Halasy
- Last updated
- 23/11/2004 2:51:01 pm by Sandro Groganz
- Authors
- Sandro Groganz
- Balazs Halasy
- Raymond Bosman

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## Full display of an article

The news overview that we created in the previous section displays a list of the seven most recent articles that are stored inside the news folder. However, the page only shows a small fragment of the articles. The entire contents of an article can be accessed by clicking its headline or image. These are links to the full view of the article. When accessed, you should be able to see something like this:

What you're looking at is the standard template that eZ publish uses to display the full contents of an article object. The standard template is rather boring. We should really use a custom template instead. The following text explains how to generate a custom full-view-template for the "Article" content class within the "News section".

1. Bring up the administration interface.
2. Click on the "Design" tab.
3. Click on "Templates" (in the menu on the left hand side).  
A list of template files will appear.
4. Locate "/node/view/full.tpl" and click on it.
5. Click "New override" to create a new template.
6. Type in "full\_view\_news\_article" into the "Filename" field.
7. Set the "Class" dropdown box to "Article".
8. Set the "Selection" dropdown box to "News section".
9. Do not enter anything into the node field (leave it blank).
10. In the "Base template on" section, select "Empty file".
11. Click "OK".

This will generate an empty file ("design/tscm/override/templates/full\_view\_news\_article.tpl") and instruct eZ publish to use it every time an article that resides in the "News section" is viewed. Put the following lines into the newly generated file, raise priority, and flush the cache:

```
{* Display the headline, use huge characters. *}  
<div class="headline">  
  {attribute_view_gui attribute=$node.object.data_map.title}  
</div>  
  
{* Display the thumbnail image, right-justified. *}  
<div class="imageright">  
  {attribute_view_gui attribute=$node.object.data_map.image}  
</div>  
  
{* Display the intro-text using bold characters. *}  
<b>  
  {attribute_view_gui attribute=$node.object.data_map.intro}  
</b>  
  
{* Display the actual body/content of the article. *}  
{attribute_view_gui attribute=$node.object.data_map.body}
```

This code will take care of displaying an article in a nice way. Try to access one of the articles from within the "Latest News" page (by clicking on either a headline or an image). You should be presented with something like this:

## Comments

### Solution

Wednesday 09 February 2005 1:52:15 pm

Clemens Timmermans

The file should be like this, the </div> at the end.:

```
{* Display the headline, use huge characters. *}  
<div class="headline">  
{attribute_view_gui attribute=$node.object.data_map.title}  
</div>  
  
{* Display the thumbnail image, right-justified. *}  
<div class="imageright">  
{attribute_view_gui attribute=$node.object.data_map.image}  
  
...  
  
{* Display the actual body/content of the article. *}  
{attribute_view_gui attribute=$node.object.data_map.body}  
  
</div>
```

### Image floated at right

Sunday 09 January 2005 12:53:37 pm

Erik Thorsen

As Faust Gertz says, this happens for me as well. I have tried to remove the <div> tag but I guess I am not doing this correctly either as I am not able to get it to show correctly. :-)  
Could anyone post an update/correction on how to fix this. It also happens in IE and Firefox as Faust Gertz points out.  
Thank you!

### Image floated right?

Tuesday 28 December 2004 10:49:12 pm

Faust Gertz

Again, for ezPublish 3.5.0/Firefox 1.0 I had to remove '<div class="imageright">' and it's closing '</div>'. Is this <div> being generated by embed\_image.tpl?

### Typo in Article full view XHTML

Friday 10 December 2004 11:30:16 am

Dave Myron

The word 'imager' should be simply 'image'.

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### Created

22/10/2003  
4:33:26 pm  
by Balazs Halasy

### Last updated

10/12/2004  
12:39:10 pm  
by Frederik Holljen

### Authors

Balazs Halasy  
Raymond Bosman  
Frederik Holljen

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## News archive

In the news archive, we simply wish to list all the news articles that have been published. The list should contain the headline/title of the articles and the date they were published.

We could produce the archive by overriding the folder class' standard full-view template within the news section. However, this template has already been overridden when we created a custom template for the news page. A possible solution is to create a new view. We'll call it "archive-view". The following text explains how to create a new view and how to make a custom template for it. In addition, the manual creation of an URL alias is also explained; we'll create a friendly URL for the news archive.

### Creating a new view

The following text explains how to create a new view.

- Create the following directories: "design/tscm/templates/node" "design/tscm/templates/node/view"
- Create an empty file and save it as "design/tscm/templates/node/view/archive.tpl".

### Creating a custom template

The following text explains how to create a custom template for the newly created view.

- Bring up the administration interface. Click on the "Design" tab. Click on "Templates" (in the menu on the left hand side). A list of template files will appear.
- Jump to the last page by using the navigator at the bottom of the page.
- Locate "/node/view/archive.tpl" and click on it.
- On the next page, click "New override".
- Type in "archive\_view\_news\_folder" into the "Filename" field.
- Set the "Class" dropdown box to "Folder".
- Set the "Selection" dropdown box to "News section".
- Do not enter anything into the node field (leave it blank).
- In the "Base template on" section, select "Empty file".
- Click "OK".

This will generate the "design/tscm/override/templates/archive\_view\_news\_folder.tpl" template file. eZ publish will use this template every time it is instructed to display an archive-view of a folder within the News section. Put the following lines into the newly created template file:

```
<div class="pagetitle">
  News archive
</div>

{* Grab all the news articles. *}
{let children=fetch( content,
  list,
  hash( parent_node_id, $node.node_id,
        sort_by, $node.sort_array,
        class_filter_type, include,
        class_filter_array, array( 'article' )
      )
  )
}

<table class="news_archive">
  <tr>
    <td>
      <b>Article:</b>
    </td>
    <td>
      <b>Published:</b>
    </td>
  </tr>

  {* Loop through all articles that we just fetched. *}
  {section name=Child loop=$children}
  <tr>
    <td>
      {* Display a link to the article. *}
      <a href="{:$item.url_alias|ezurl}">{$item.name}</a>
      <br />
    </td>
    <td>
      {* Display the date the article was published. *}
      {$item.object.published|l10n(shortdate)}
    </td>
  </tr>
  {* End of loop. *}
{/section}
</table>

{/let}
```

This code will take care of listing all the news articles that are published in a nice fashion.

### Creating an URL alias for the News archive

At this point, the news archive can only be reached using a system URL that tells eZ publish which view to use and which node to show ("[...]content/view/archive/[node-number]" - where [node-number] is the identification number of the node that "contains" the News folder object). In order to be able to reach the news archive using a friendly URL, we must manually create a URL alias for it. The following text explains how to do this.

- Bring up the administration interface.
- Click on the "Content" tab. The system will display contents of the root folder.
- While hovering your mouse pointer over the "News" folder, a text pops up revealing the Node ID. Make a note of the node number.
- Click on the "Setup" tab.
- Click on "URL translator" (in the menu on the left hand side).
- In the "Old URL" field, type in: "/news/archive"
- In the "System URL" field, type in: "content/view/archive/[number]"
- Click "Add".

What we have done is that we've instructed eZ publish to recognize the friendly URL, and when accessed, display the news archive. At this point, you should be able to access the news archive using both the system URL and the newly created virtual URL:

- http://[...]index.php/tscm/content/view/archive/[node-ID-of-News-folder]
- http://[...]index.php/tscm/news/archive

The following text explains how to create a link that can be used to access the news archive.

### Creating the actual link to the archive

We will make the archive accessible from the bottom of the latest news page. Insert the following code at the end of the "design/tscm/override/templates/full\_view\_news\_folder.tpl" file:

```
<br>
<div class="center">
<a href="{/news/archive|ezurl}">
Click here to access the news archive...
</a>
</div>
```

## Comments

- In the "Old URL" field, type in: "/news/archive"?** Thursday 23 February 2006 11:33:15 am sangib das Hi, Can you tell me the "archive" is predefined directory or create myself in root directory. Thanks.....
- Web directory you're altering** Monday 26 September 2005 2:56:08 pm William Steenberg I couldn't find the self-made template either, until I saw I wasn't working in the correct SiteAccess. The pull-down menu on the top of the Menu Management window was set to the default Admin, not to TSCM. Setting this will add the template to your list (once returning to the templates). It may not appear on the exact last page. If not, check the page before it.
- Creating an URL alias for the News archive errata** Wednesday 04 May 2005 4:08:09 pm Norbert Beckers In the procedure of creating the URL alias for the NewsArchive you need the 'New System URL forwarding' part of the URL Translator. In step 6 it should say 'Virtual URL' where it reads 'Old URL'
- /node/view/archive.tpl** Tuesday 05 April 2005 4:38:03 pm David Goddard I couldn't find it in the complete list of templates, but it did appear in the Most Common Templates list beneath it. BTW Fredrik does the web server have premissions to change into the design/tscm/templates/node/view directory?
- Re: Can't locate "/node/view/archive.tpl"** Wednesday 29 December 2004 10:48:44 pm Faust Gertz Try: http://[...]index.php/tscm\_admin/visual/templateview/node/view/archive.tpl
- Can't locate "/node/view/archive.tpl"** Wednesday 29 December 2004 1:58:44 am Fredrik ohrberg This didn't work for me. I created the empty archive.tpl file in the right folder but the template is nowhere to be found in the list. Any ideas? /Fredrik

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### Created

23/10/2003 9:59:38 am by Balazs Halasy

### Last updated

23/11/2004 2:14:01 pm by Raymond Bosman

### Authors

- Balazs Halasy
- Luis Armengol
- Raymond Bosman

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## The members page

The case states that the TSCM people would like to have some sort of member-list. We could create this statically, but what fun would that be? Also, simple list of members is rather boring. We could easily store information about the members in the CMS. Lets keep things at a simple level and divide the member section into two pages:

- Member-list page
- Member information page

The member-list page should contain a list of all the club-members. Each row in the list showing the name of a member. The names could be displayed as hyperlinks. When one of these links is accessed, the system should take us to another page (the member information page). This page could be used to display all the information that we have about a member.

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#### Created

07/11/2003  
2:40:43 pm  
by Balazs Halasy

#### Last updated

07/11/2003  
2:46:50 pm  
by Balazs Halasy

#### Authors

Balazs Halasy

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## The guestbook

The case states that "The Scandinavian Check Mates" would like to have a guestbook of some sort. The guestbook is somewhat different from what we've been doing so far. It will provide functionality that allows anonymous surfers to add content to the CMS of eZ publish through the TSCM website. In addition, we'll make use of the workflow system to approve guestbook entries.

The guestbook section of the site will basically consist of two parts:

- List of entries
- Entry submit page

The list of entries will be a read-only page showing all the entries that have been added to the guestbook. The submit page will be accessible from the "List of entries" page. It will display a form (with a couple of text fields), a "Submit" and a "Cancel" button.

## Comments

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#### Created

19/11/2003  
12:40:48 pm  
by Balazs Halasy

#### Last updated

19/11/2003  
12:56:14 pm  
by Balazs Halasy

#### Authors

Balazs Halasy  
Marc Papell

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## Creating the template

Use the administration interface to create a template override for the guestbook folder. Hints: Remember to assign the guestbook folder to the guestbook section. Override the "/node/view/full.tpl" template for the folder class within section "Guestbook". Name the new template "full\_view\_guestbook\_folder". Base the template on an empty file. In addition, you should also make sure that the "guestbook" link in the main menu actually points to the guestbook. When you're finished with all this, attempt to write your own template code that takes care of displaying the following elements:

- The guestbook folder's description
- A list of all the guestbook entries

Put your code into the newly generated/empty "design/tscm/override/templates/full.tpl" file. If you're unsure about the template code (or if you're simply just lazy), feel free to peek at (or copy) the template code that is provided below.

```
<div class="pagetitle">
  { $node.name }
</div>

<table class="guestbook">
  <tr><td>
    { $node.object.data_map.description.content.output.output_text }
  </td><td>
    
  </td></tr>
  <tr><td>
    <!-- The button will be here! -->
  </td><td>
  </td></tr>
</table>

{ * Grab all the guestbook entries. * }
{ let name=test counter=0 children=fetch( content,
  list,
  hash( parent_node_id,
        $node.node_id,
        sort_by,
        $node.sort_array
      )
) }

<table class="news_archive">

{ * Loop through all the entries. * }
{ section loop=$:children }

  { * Increment the counter by one. * }
  { set counter=$:counter|inc }

  <tr><td>
    <hr />
    Submitted by <b>{ $:item.object.data_map.name.content|wash }</b>
    on { $:item.object.published|l10n(shortdate) }:
    <br />
    <br />
    <i>{ $:item.object.data_map.entry.content|wash }</i>
  </td></tr>

{ * End of loop. * }
{/section}

  <tr><td><hr /></td></tr>
</table>

<div class="center">
  Number of entries in the guestbook: { $:counter }
</div>

{ * Release the counter and the children variable. * }
{/let}
```

Notice the use of the "wash" operator. It takes care of translating bogus strings into friendly ones. The wash operator will make sure that HTML tags found inside guestbook entries don't mess up the output. In other words, people who submit text with HTML tags will not be able to destroy the original page layout. Tags will be displayed as normal text (they will not be interpreted by the browser).

The template code above makes use of an image called "guestbook.png". Feel free to use the following icon/image: [guestbook.png](#). This image is non-content specific (it belongs to layout/design), so therefore, we'll place it inside the TSCM design directory. Download and place the image into the "design/tscm/images/" directory.

Some of the HTML code that was presented above also makes use of some additional CSS. Make sure you put the following lines into the TSCM CSS file (things might look a bit ugly without).

```
.guestbook
{
  margin-left: auto;
  margin-right: auto;
  width: 95%;
}
```

If you've used the example data and the example code, you should be looking at something that resembles the following screenshot (when accessing the guestbook page from the main menu).



Friday 06 May 2005 11:29:17 pm Marat M.

Here:  
 "Put your code into the newly generated/empty "design/tscm/override/templates/full.tpl" file."  
 While actually the template name is:  
 "design/tscm/override/templates/full\_view\_guestbook\_folder.tpl"  
 and is created through the overriding, then editing on the server.

**Namespaces**  
 Wednesday 30 March 2005 4:44:18 pm Kirill Subbotin  
 It's because of using name spaces. Here is the link to explanation:  
[http://ez.no/ez\\_publish/documentation/...aries/ez\\_template/basics/namespaces](http://ez.no/ez_publish/documentation/...aries/ez_template/basics/namespaces)

**Explain the colon after the dollar sign**  
 Friday 10 December 2004 12:30:58 pm Dave Myron  
 This is the first time in the tutorial that a colon appears after the dollar sign when referencing variables. What does it do differently? Why do we need it?

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**Created**  
 19/11/2003  
 1:09:55 pm  
 by Balazs Halasy

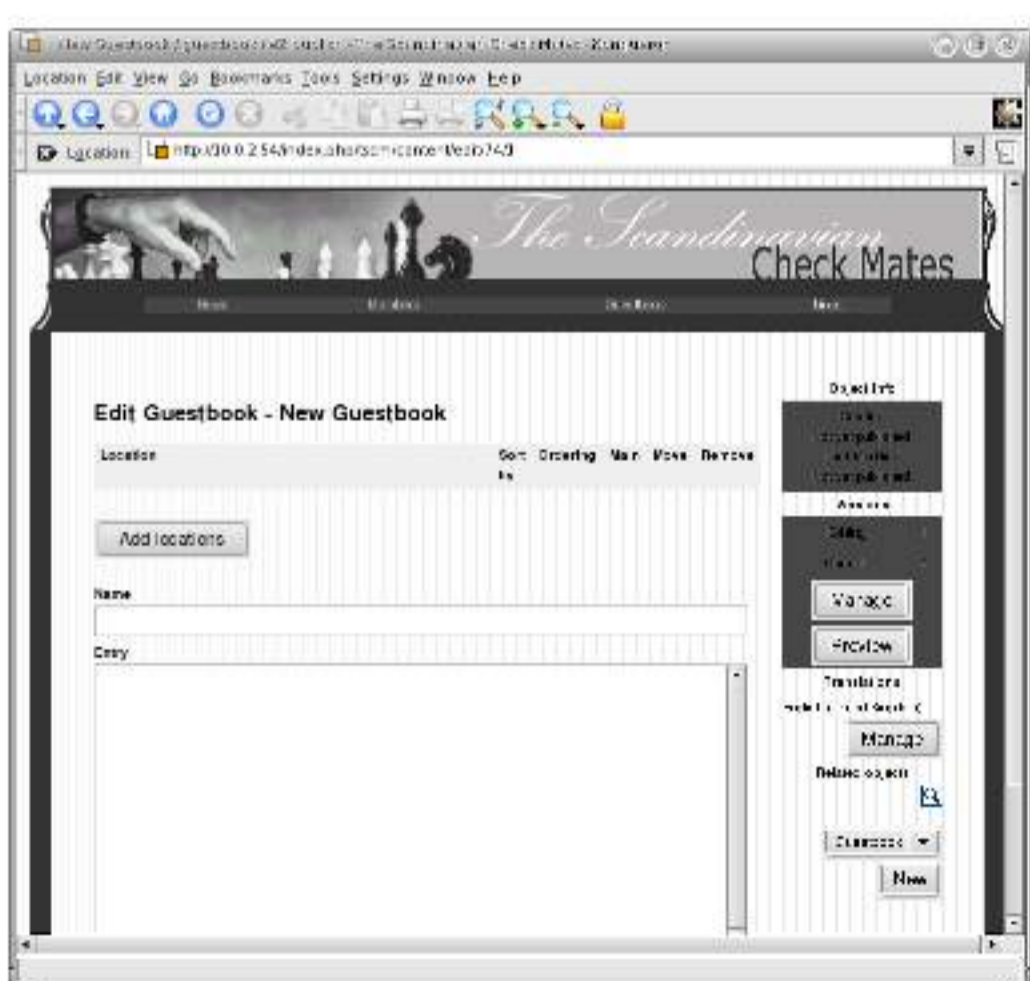
**Last updated**  
 20/11/2003  
 9:48:44 am  
 by Balazs Halasy

**Authors**  
 Balazs Halasy

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## The input template

Go ahead and surf the "Guestbook" page again. Attempt to press the "Sign the guestbook" button (which at this point should work). Instead of the "Object unavailable" message, you should be presented with a page that resembles the following screenshot:



If it worked, it means that eZ publish allowed the anonymous user to create a new guestbook entry object. What you're looking at is the default edit template, which resides in the "design/standard/templates/content/edit.tpl" file. This template contains a lot of functionality that we don't need (version control, set.). What we need is a template that shows two fields (the name and the entry field) and two buttons (Submit and Cancel). The following text explains how to create a template override and a custom template for guestbook entries.

Until now, we've been doing template overrides by using the web based administration interface. The administration interface can only be used to create basic template override rules. Complex/advanced rules must be input manually to the override file of the target siteaccess. What the administration interface does is that it simply manipulates this file when you create/edit/delete template overrides. Let's create the guestbook-entry template override manually. The following list of steps should guide you through it.

1. Acquire and make a note of the identification number of the "Guestbook entry" content class. (Hint: Admin->Setup->Classes->Content)
2. Acquire and make a note of the identification number of the guestbook section. (Hint: Admin->Setup->Sections)
3. Edit the "settings/siteaccess/tscm/override.ini.append" file. Notice that the file contains the overrides that we've added so far.
4. Scroll down to the end of the file and add the following lines to it:

```
[edit_guestbook_entry]
Source=content/edit.tpl
MatchFile=edit_guestbook_entry.tpl
Subdir=templates
Match[class]= __REPLACE_WITH_CLASS_ID__
Match[section]= __REPLACE_WITH_SECTION_ID__
```

Make sure that you replace the "\_\_REPLACE\_WITH\_CLASS\_ID\_\_" with the identification number of the "Guestbook entry" content class. You'll also need to replace the "\_\_REPLACE\_WITH\_SECTION\_ID\_\_" with the identification number of the guestbook section. When finished, save the file, clear all caches, surf the guestbook and press the "Sign the guestbook" button again. At this point, the system should not display anything. That is because the "edit\_guestbook\_entry.tpl" file doesn't exist. Let's fix this problem. Create the new template file ("design/tscm/override/templates/edit\_guestbook\_entry.tpl") and put the following lines of code into it:

```
<div class="pagetitle">
  Add a guestbook entry
</div>

<form enctype="multipart/form-data"
  method="post"
  action={concat ("/content/edit/",
    $subject.id,
    "/",
    $edit_version) |ezurl}>

<table class="layout">
  <tr><td>

    {include uri="design:content/edit_validation.tpl"}
    {include uri="design:content/edit_attribute.tpl"}

    <div class="buttonblock">
      <input class="defaultbutton"
        type="submit"
        name="PublishButton"
        value="Submit" />

      <input class="button"
        type="submit"
        name="DiscardButton"
        value="Cancel" />

      <input type="hidden"
        name="MainNodeID"
        value="{ $main_node_id }" />

    </div>
  </td></tr>
</table>
</form>
```

The action URL is constructed by concatenating several strings. The final string is translated using the "ezurl" operator. The URL reveals the module that we wish to access (content), the function that should be executed (edit), the identification of the object (\$subject.id) and the version (\$edit\_version) that should be edited. Since this interface is only meant to be used to create new nodes (and not edit existing nodes), the version number will always be one.

The "edit\_validation.tpl" takes care of validating the input once it is submitted. Omitting this line will still not allow the submission of partially or completely empty entries. The system will simply not display the warning. Since we've set both the entries to be required (when we created the "Guestbook entry" class), eZ publish will not allow empty entries.

The "edit\_attribute.tpl" takes care of displaying the actual input fields and their names.

The "PublishButton" string (name of the "Submit" button) instructs the system to publish the object that is being edited.

The "DiscardButton" string (name of the "Cancel" button) instructs the system to discard the object that is being edited.

The hidden "MainNodeID" field reveals the identification number of the node that will be the parent of the node that is being published. This is the main location of the node that is being published. Without this field, eZ publish will not be able to publish the object.

## Comments

### Possible to create template for /content/edit with admin interface

Thursday 24 August 2006 10:27:31 pm | Gerhard Sletten

Just filter the templatelist with content/edit and then make new override for the guestbook\_entry class.

### CSS

Tuesday 26 April 2005 2:51:31 pm | Torbjørn Laukvik

remember to add the "layout" class in the stylesheet. otherwise it looks fugly....

### showing default template

Wednesday 06 April 2005 12:02:49 pm | David Goddard

Erik

"I added the lines, I created the template ( however, it does not specify where, so I added it to the node/view/full ) hoping this would be the correct location."

I'm sure you spotted this but, it does specify where to put the template: design/tscm/override/templates/edit\_guestbook\_entry.tpl

David

### showing default template

Monday 10 January 2005 3:19:21 pm | Erik Thorsen

I tried to do as per instructions, however, it seems like it is not reading the correct template or is missing the template somehow. I followed the steps:

1. Acquire and make a note of the identification number of the "Guestbook entry" content class. (Hint: Admin->Setup->Classes->Content)
2. Acquire and make a note of the identification number of the guestbook section. (Hint: Admin->Setup->Sections)
3. Edit the "settings/siteaccess/tscm/override.ini.append" file. Notice that the file contains the overrides that we've added so far.
4. Scroll down to the end of the file and add the following lines to it:

I added the lines, I created the template ( however, it does not specify where, so I added it to the node/view/full ) hoping this would be the correct location. Changed priorities and cleared cache. Nothing happens. If anyone could please suggest something or contact me I would appreciate it. Thank you. Erik Thorsen

### A Change That Made a Difference...

Thursday 30 December 2004 11:55:38 pm | Tom Walker

I was having a great deal of trouble getting the input template to work. I followed the instructions carefully, copying and pasting all the code precisely. However I noticed that there was a difference between the code on this page that I was putting into the "settings/siteaccess/tscm/override.ini.append" file and the code that was put there automatically for the other override templates I had created earlier. When I changed the line that read:

Match[class]= \_\_REPLACE\_WITH\_CLASS\_ID\_\_

to:

Match[class\_identifier]= \_\_REPLACE\_WITH\_CLASS\_Identifier\_\_

then it worked. I'm not sure why this worked but it did.

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### Created

19/11/2003  
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by Balazs Halasy

### Last updated

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2:21:07 pm  
by Raymond Bosman

### Authors

Balazs Halasy  
Raymond Bosman

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## The links page

### The links page

The links part of the site will basically be a page that displays a collection of links that we wish to make available for our visitors. This will not be just a boring list of links. First of all, we'll make use of the CMS engine of eZ publish to make a simple category-structure. Secondly, we'll create a neat template that displays the links section of the content node tree in a fancy tree-style view. The following mock-up shows this:

```
-----  
| Banner: THE SCANDINAVIAN CHECK MATES  
-----  
LINKS  
  
(+)-Chess sites  
  
(-)-Educational sites  
|-Berkeley  
|-Stanford  
|-University of Oslo  
  
(+)-Local sites
```

## Comments

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#### Created

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by Björn Dieding@xrow.de

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## Creating the template

Make sure that the "Links" link from within the main menu actually works (edit the pagelayout template file and fix it). Now, if you attempt to access the link, you'll probably be presented with a page that looks something like this:

If you have been paying attention during the earlier stages of the tutorial, you should be familiar with the stuff that comes next. What you're looking at is the default/standard full view template. The next natural step is to change this. Use the administration interface to create a template override. If you're still unsure about this procedure, refer to the following hints:

- Override this file: "/node/view/full.tpl"
- Name of new template: "full\_view\_links\_folder.tpl"
- Matching keys: folder class, links section
- Base on: empty file

Now that we've created the override, let's start thinking about the template itself. On the left hand side, we could display a list of the sub-folders that are inside the main "Links" folder. When a sub-folder is accessed (the user clicks on it within the browser), eZ publish should list the sub-folder's contents. In this case, the sub-folders contain hyperlinks. Each of these should be presented as a link. When clicked/accessed, the browser should follow the link by opening it in a new window/tab. On the right hand side, we could for example display the name and the description of the folder that was accessed. All this may sound a bit difficult at first. However, it is actually fairly simple. We'll put it together step by step, one piece at a time.

We'll need a bit of CSS, so let's start by adding the following lines to the "tscm.css" file:

```
.links
{
    font-size: 80%;
    vertical-align: top;
    width: 200px;
}
```

Now, edit the template file that was created when you added the template override (should be "design/tscm/override/templates/full\_view\_links\_class.tpl") and put in the following lines:

```
<div class="pagetitle">
Links
</div>
<table>
  <tr>
    <td class="links">
      { * Include the tree menu. * }
      {include uri="design:links_tree_menu.tpl"}
    </td>
    <td valign="top">
      { * Display the folder's name. * }
      <b>{$node.name}</b>
      <br />
      <br />
      { * Display the description of the folder. * }
      {attribute_view_gui
attribute=$node.object.data_map.description}
    </td>
  </tr>
</table>
```

As you can see, we are splitting the page into two parts (vertical split) using a table. The left portion will be used to display the tree menu, the right portion will be used to display information about the folder that is being accessed. When the "Links" link is accessed (from within the main menu), the right portion will automatically display its name and description (the "Links" folder is simply just another folder from which we can extract the name and the description fields). If you attempt to browse the "Links" page at this point, eZ publish will generate something that looks like this:

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#### Authors

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## Displaying the sub-folders

The `{include uri="design:links_tree_menu.tpl"}` line within the template code presented in the previous section instructs eZ publish to include a file called "links\_tree\_menu.tpl". The "design:" prefix specifically states that it should look inside the "templates" and the "override/templates" sub-folders of the current (tscm) design folder. Obviously, eZ publish will first try to include the "design/tscm/templates/links\_tree\_menu.tpl" file. Create this file and attempt to write a piece of template code that *always* loops through and displays the sub-folders of the "Links" folder. You'll need to acquire and specify the identification number of the "Links"-node. The folders should be displayed as links. A link should point to the full view of the node that contains the actual folder object. Feel free to peek at/use the following template code:

```
{* Loop through all sub-folders within the "Links" folder. *}
{section loop=fetch( content,
    list,
    hash( parent_node_id,    __NODE_ID_OF_LINKS__,
          class_filter_type, include,
          class_filter_array, array( 'folder' ),
          sort_by,           $node.sort_array ) ) }

  {* Display the folder-name as a link to a full view of the node.
  *}
  <b>
    <a href={concat( "/content/view/full/", $:item.node_id, "/"
)|ezurl}>
      {:$:item.name}
    </a>
  </b>
  <br />

{* End of sub-folder loop. *}
{/section}
```

If you're using the code that was presented above, make sure that you replace the "`__NODE_ID_OF_LINKS__`" part with the identification number of the "Links"-folder node. Notice that we're using the fetch function directly inside a section (without doing a "let" first). Refresh the links page. At this point, you should be looking at a page that looks something like this:

When you click on the name of the different folders, the template will display information about the folder that was accessed (on the right hand side). However, regardless of the folder that was accessed, the template will always display the entire list of sub-folders within the "Links" folder. This happens because we hardcoded the identification number of the "Links" node.

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