

ConversionFromWikini

Objectives

The goal of this page is my notes on how to convert articles from Wikini to Tikiwiki

Wikini: <http://www.wikini.net/> 1.4.3

Tikiwiki: <http://www.tiki.org> 1.9

My experience was based on converting from Wikini 1.4.3 to Tikiwiki 1.9

Status: Currently Testing Conversion _ Ok I have successfully converted from wikini to tiki

Just need extra conversions for wikini syntax to tiki syntax. Seems tiki doesn't like french characters.

Need to convert them.

Data

Database structure

Source: Wikini Version

The following table has been identified as the one which contains the articles in wikini.

This table also contains history of the pages.

Table: wikini_pages

Champ	Type	Null	Défaut
id	int(10)	Non	
tag	varchar(50)	Non	
time	datetime	Non	0000-00-00 00:00:00
body	text	Non	
body_r	text	Non	
owner	varchar(50)	Non	
user	varchar(50)	Non	
latest	enum('Y', 'N')	Non	N
handler	varchar(30)	Non	page
comment_on	varchar(50)	Non	

The following table has been identified as the one which contains the articles in tikiwiki.

At the opposite of wikini, the history of the pages are stored in a table tiki_history (or something like that) but at this stage we do not need this table.

Table: tiki_pages

Champ	Type	Null	Défaut	Relié à Commentaires	MIME
page_id	int(14)	Non			
pageName	varchar(160)	Non			

```
hits int(8) Oui NULL
data text Oui NULL
description varchar(200) Oui NULL
lastModif int(14) Oui NULL
comment varchar(200) Oui NULL
version int(8) Non 0
user varchar(200) Oui NULL
ip varchar(15) Oui NULL
flag char(1) Oui NULL
points int(8) Oui NULL
votes int(8) Oui NULL
cache text Oui NULL
wiki_cache int(10) Oui NULL
cache_timestamp int(14) Oui NULL
pageRank decimal(4,3) Oui NULL
creator varchar(200) Oui NULL
page_size int(10) Oui 0
lang varchar(16) Oui NULL
lockedby varchar(200) Oui NULL
created int(14) Oui NULL
is_html tinyint(1) Oui 0
```

Conversion process

1°) Backup your data

First of all, make a backup or a copy of wikini_pages and the tiki_pages tables.

You can do different ways (export files, rename and copy tables, SQL requests...)

2°) Copy wikini_pages in the same db as tiki_pages

Wikini and Tikiwiki are maybe not on the same database, copy wikini_tables into the database where tiki is stored.

3°) Prepare the environment

How do I proceed: Basically, I select all the wiki pages (latest versions only) and insert them into the tiki_pages table. To ensure no duplicate page name, you either delete all the current pages or make sure no pages with the same name exists in your tiki table.

```
DELETE FROM tiki_pages;
```

SQL Request to get all data from Wikini

```
SELECT tag, body FROM `wikini_pages` WHERE latest='Y' and user<>'WikiNiInstaller'
```

This request get the latest pages from Wikini and exclude information pages that come by default with Wikini (those created by user WikiNiInstaller).

3°) Insert into Tikiwiki

Be sure to remove any similar pages with the same name

```
DELETE FROM tiki_pages;
INSERT INTO tiki_pages(pageName,data,user,version,creator,lastModif) SELECT tag, body,
'admin',1,'admin',1115680000 FROM `wikini_pages` WHERE latest='Y' and user<>'WikiNiInstaller';

UPDATE tiki_pages SET page_size = CHAR_LENGTH(data);
```

Pages created in tikiwiki have as new attributes:

- 1°) User = admin
- 2°) Creator = admin
- 3°) LastModif = 1115680000
- 4°) page_size = size of the 'data' field
- 5°) version = 1

The number 1115780000 is a date encoded. You can change as you wish or use timestamp functions.

__4°) Convert data correctly

We need at this stage to use regular expressions

For instance, the wiki syntax need to be replaced `[[x y]]` by `((x | y))`

Regular expression to catch Wikini pages: `\\[\\((\\w*)\\s((\\w|\\s)*)\\)\\]`

In Visual Basic, the macro should be:

```
Private Sub Test()
    Dim reg_exp As New RegExp
    Dim t As String
    Selection.WholeStory
    t = Selection.Text
    reg_exp.Pattern = "\\[\\((\\w*)\\s((\\w|\\s)*)\\)\\]"
    reg_exp.Global = True
    MsgBox reg_exp.Replace(t, "(( $1 | $2 ))")
End Sub
```

I'll keep this code here as I might create a Macro (unless it exists).

This piece of code tries to convert the wiki syntax from wiki links to tikiwiki links syntax + bold syntax (from double star characters to double underscore characters). There may be additional characters to convert also.

```
<?php
error_reporting (E_ALL);

$pattern[0] = "/\\*\\*(.*)\\*\\*/";
$replacement[0] = "__ $1 __";
$pattern[1] = "/\\[\\((\\w*)\\s((\\w|\\s|é|è|à|\\')*)\\)\\]/";
$replacement[1] = "(( $1 | $2 ))";
//for french characters
```

```

$pattern[2]="/é/";
$replacement[2]="Ã©";
$pattern[3]="/è/";
$replacement[3]="Ã¨";
$pattern[4]="/à/";
$replacement[4]="Ãà";
$pattern[5]="/ê/";
$replacement[5]="Ãê";
$pattern[6]="/ç/";
$replacement[6]="Ãç";
$pattern[7]="/ë/";
$replacement[7]="Ãë";
$pattern[8]="/' /";
$replacement[8]="' ";
$pattern[9]="/â/";
$replacement[9]="Ãâ";

$pattern[10]="/ô/";
$pattern[11]="/ö/";
$pattern[12]="/î/";
$pattern[13]="/ï/";
$pattern[14]="/ù/";

$replacement[10]="Ã´";
$replacement[11]="Ã¶";
$replacement[12]="Ãî";
$replacement[13]="Ãï";
$replacement[14]="Ãù";
echo "<pre>";

// echo preg_replace($pattern, $replacement, $string);

mysql_connect("localhost", "root", "") or
    die("Could not connect: " . mysql_error());
mysql_select_db("db_tiki");

$result = mysql_query("SELECT pageName, data FROM tiki_pages");

while ($row = mysql_fetch_array($result, MYSQL_BOTH)) {
    $newtext= addslashes(preg_replace($pattern,$replacement,$row["data"]));
    $query = "UPDATE tiki_pages SET data = '$newtext' WHERE pageName='".$row["pageName"]."'";
    $result2 = mysql_query($query);
    echo $result2."\n".$row["pageName"]. " updated $result2\n \r";
    if (!$result2) {
        $message = 'Invalid query: ' . mysql_error() . "\n";
        $message .= 'Whole query: ' . $query;
        die($message);
    }
}

mysql_free_result($result);

?>

```

Extra: To correct french accents, add the additional SQL requests. If you have run the script above, this should not be necessary.

```
UPDATE tiki_pages SET data = REPLACE(data, "é", "Ã©");
UPDATE tiki_pages SET data = REPLACE(data, "è", "Ã¨");
UPDATE tiki_pages SET data = REPLACE(data, "à", "Ã ");
UPDATE tiki_pages SET data = REPLACE(data, "ê", "Ãª");
UPDATE tiki_pages SET data = REPLACE(data, "ç", "Ã§");
UPDATE tiki_pages SET data = REPLACE(data, "â", "Ã¢");
UPDATE tiki_pages SET data = REPLACE(data, "ë", "Ã«");
UPDATE tiki_pages SET data = REPLACE(data, "", "");
UPDATE tiki_pages SET data = REPLACE(data, "û", "Ã»");
UPDATE tiki_pages SET data = REPLACE(data, "€", "â,-");
```

...
^

Maybe other characters to be added. I haven't covered all.
