

## EXT: Table for Connector service SQL

Extension Key: tk\_svconsqI\_table

Language: en

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## Table of Contents

EXT: Table for Connector service SQL.....	1	Installation.....	4
<b>Introduction.....</b>	<b>3</b>	Usage.....	4
What does it do?.....	3	<b>Configuration.....</b>	<b>6</b>
Features list.....	3	Reference.....	6
Requirements.....	3	<b>Bug reports.....</b>	<b>8</b>
<b>Users manual.....</b>	<b>4</b>		

# Introduction

## What does it do?

This extension builds simple HTML table from data taken from an external database. For the connection with other databases extensions Connector SQL service and ADOdb are used.

## Features list

- You can define table class, caption, row and column classes, border, cellpadding and cellspacing.
- You can hide some of cols.
- Customizable data formatting. Additionally, you can use hook for extended formatting.
- Supports output caching with Caching Framework.
- Caption can be taken from the first field of the first row of the SQL query result.
- Database settings, table settings and caching settings configurable through TypoScript or FlexForm.

## Requirements

This extension requires extensions: ADOdb (adodb), Connector Services (svconnector), Connector service - SQL (svconnector\_sql) to be installed.

# Users manual

## Installation

- Download and install with Extension Manager.
- Include extension static template - "Table for Connector service SQL (tk\_svconsqL\_table)".
- Configure plugin TypoScript settings or configure settings on a page by the FlexForm. (The FlexForm settings are overwriting TypoScript settings).

If you are using TYPO3 v4.5 then you have to turn on Caching Framework in your localconf.php by adding:

```
$TYPO3_CONF_VARS['SYS']['useCachingFramework'] = true;
```

## Usage

- In the Page module add General Plugin.
- Go to the Plugin sheet and select plugin: Table for Connector SQL.
- Go again to the Plugin sheet and fill plugin options.

## Database sheet

All fields on this sheet must be filled except field "init".

The screenshot shows the 'Plugin' tab of a FlexForm configuration. The 'Selected Plugin' is 'Table for Connector SQL'. Under 'Plugin Options', there are two sub-tabs: 'Database' and 'Table'. The 'Database' sub-tab is active, showing the following fields:

- Driver: mssqlnative
- Server: OurServer
- User: myUser
- Password: \*\*\*\*\*
- Database name: Northwind
- Query: SELECT TOP 10 \* FROM Customers

Fetch mode field may have "Both" value. This extension doesn't work good if both values are send. In case of "mysql" database driver you may see repeated table values. In general you have to test how it works with your db driver.

### Table sheet

On this sheet you can set some table parameters. Most fields are self explanatory.

- Column names list - coma delimited list. Column names used in table header.
- Column formats list – coma delimited list. List of column data formats. Available formats are: string, int, dec, date and time. String is the default so you can skip the "string" name.
- List of hidden column numbers - coma delimited list, starting from zero.
- Row classes and Column classes – coma delimited list of classes.
- Caption in first column – if you select this then table caption will be taken from the first field of the first row. Value of the Caption field will not be used.
- Number of column containing change. Values from this column are compared to 0. You can use this for additional styling. I used this in the table presenting quotations data. Values bigger than 0 was green color, lower than zero was red and values equal 0 was blue ;-). See formatOutputHook hook.

### Cache sheet

Here you can only set amount of seconds the output table is kept in cache (caching lifetime).

# Configuration

## Reference

plugin.tx\_tksvconsqlltable\_pi1.formatting

Property:	Data type:	Description:	Default:
dateFormat	string	Date format for PHP function date().	Y-m-d
timeFormat	string	Time format for PHP function date().	G:i
decimals	string	Number of decimals for PHP function number_format().	0
dec_point	string	Decimal separator for PHP function number_format().	.
thousands_sep	string	Thousands separator for PHP function number_format(). Special value "space" can be used if you want to use this char as thousands separator.	,

plugin.tx\_tksvconsqlltable\_pi1.db

Property:	Data type:	Description:	Default:
driver	string	Supported by ADOdb database driver name	
server	string	Server name	
user	string	Database user name	
password	string	Database user password. <b>NOTE!</b> Password is stored not encrypted.	
database	string	Name of the database	
query	string	SQL query	
init	string	DB initialization parameters. F.e. "SET NAMES utf8;"	
fetchMode	Integer	Defines result table type. Available are default, numerical, associative and both.	0 (default)

plugin.tx\_tksvconsqlltable\_pi1.table

Property:	Data type:	Description:	Default:
templateFile	String	Path to HTML table template	res/template.html
Border	Integer	Table border	1
cellPadding	integer	Table cellpadding parameter	2
cellspacing	integer	Table cellspacing parameter	1
class	string	Table CSS class name	
caption	string	Table caption	
caption_as_span	Integer	Caption will be drawn before table in span	0
colNames	string	Coma delimited list of column names – header. <b>NOTE!</b> Amount of column names must be equal to amount of column formats.	
colFormats	string	Coma delimited list of column formats which are used for date formatting. Available formats are: string, int, dec, date, time. Empty fields will be treated as strings. <b>NOTE!</b> Amount of column formats must be equal to amount of column names.	
hiddenCols	string	Coma delimited list of column numbers. Beginning from zero.	
rowClasses	string	Coma delimited list of row classes	even,odd
colClasses	string	Coma delimited list of column CSS classes	
captionInFirstCol	boolean	Set it to 1 if you want have table caption in the first field of the first row. <b>NOTE!</b> Caption parameter will not be used.	0
change_col	Integer	Number of column containing value compared to zero.	

lugin.tx\_tksvconsqlltable\_pi1.cache

Property:	Data type:	Description:	Default:
lifetime	integer	Amount of seconds for output caching	3600

## Example

```

page = PAGE
page.typeNum = 0
page.10 < plugin.tx_tksvconsqlltable_pi1
page.10 {
    cache.lifetime = 3600

    formatting {
        dateFormat = Y-m-d
        timeFormat = G:i
        decimals = 4
        dec_point = .
        thousands_sep = ,
    }
    db {
        driver = mssql
        server = 10.20.30.40
        user = SomeUser
        password = your-secret-password
        database = SomeDB
        query = select field1, field2, field3 from sometable
        init >
        fetchMode = 1
    }
    table {
        cellPadding = 2
        cellSpacing = 1
        class = someTableClass
        caption = This is my table
        colNames = Field1 Title, Field2 Title, Field3 Title, Field4 Title
        colFormats = ,date,time,dec
        hiddenCols = 1
        rowClasses = ,alt
        colClasses = ,f1,f2,f3
        captionInFirstCol = 0
        change_col >
    }
}

```

## Bug reports

Report them here: [http://forge.typo3.org/projects/extension-tk\\_svconsql\\_table/issues](http://forge.typo3.org/projects/extension-tk_svconsql_table/issues)