

## EXT: Sevenpack

Extension Key: sevenpack

Language: en

Keywords: publication, reference, manager, bibliography, typo3, sevenpack

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# Introduction

## What does it do?

Sevenpack is a publication reference (bibliography) manager plugin for Typo3. It provides a browseable list view for publication references and a convenient publication reference editor.

Sevenpack is forked from the Sixpack plugin version 0.3.2 by Sixten Boeck.

Features:

1. A publication reference database integrated into the Typo3 framework.
2. A heavily customizable frontend list view for publication references.
3. A convenient frontend editor for publication reference.
4. Export of the reference database to BibTeX or a homebrewn Sevenpack XML format.
5. Import of references from a BibTeX file or a Sevenpack XML file.
6. Localizations for English, German and Italian (outdated).

## Screenshots

This screenshot shows a part of a publication list.

## Publications

Year: ... , [2006](#), [2007](#), [2008](#), ...

2007 ▼
Go

---

**Articles:**

A. Pecchia, G. Romano, A. Gagliardi et al..  
*Heat dissipation and non-equilibrium phonon distributions in molecular devices.*  
J. Comp. Electronics, **6**(1-3):335, 2007.

Michaela Wilhelm, Michael Jeske, Roland Marschall, Welch L. Cavalcanti et al..  
*New proton conducting hybrid membranes for HT-PEMFC systems based on polysiloxanes and SO3H-functionalized meso*  
J. Mem. Sci., **316**(1-2):164-175, 2007.

A. Pecchia, L. Salamandra, L. Latessa, B. Aradi et al..  
*Atomistic Modeling of Gate-All-Around Si-Nanowire Field-Effect Transistors.*  
IEEE Transactions on Electron Devices, **54**:3159, 2007.

X. Wang, R. Q. Zhang, M. J. M. Mendes and M. Frauenheim.  
*Excited state properties of allylamine-capped silicon quantum dots.*  
J. Phys. Chem. C, **111**:2394, 2007.

A. Gagliardi, A. Pecchia, T. A. Niehaus et al..  
*Quasiparticle correction for electronic transport in molecular wires.*  
J. Computational Electronics, **6**:345-348, 2007.

Export as: [BibTeX](#), [XML](#)

A publication list during the edit mode.



Year: ... , 2007, **2008**, 2009

2008 ▼

Go

Articles:

1. Q. S. Li, R. Q. Zhang, S. T. Lee et al.  
*Amine-capped silicon quantum dots*  
Appl. Phys. Lett., **92**:053107, 2008.



2. X. Wang, R. Q. Zhang, S. T. Lee et al.  
*Anomalous Size Dependence of the Photoluminescence in reconstructed Silicon Nanoparticles*  
Appl. Phys. Lett., **93**:243120, 2008.



3. P. Deák, B. Aradi, Th. Frauenheim and A. Gali  
*Challenges for ab initio defect modeling*  
Mater. Sci. Eng. B, **154-155**:187, 2008.



4. T. Lohner, A. Pongrácz, N. Q. Khánh, O. H. Krafcsik et al.  
*Comparative investigation of the Si/SiO<sub>2</sub> interface layer containing SiC crystallites using spectroscopic ellipsometry, ion beam analysis and XPS*  
Phys. Stat. Sol. (c), **5**(5):1337-1340, 2008.



5. T. A. Niehaus, N. H. March and S. Suhai  
*Correlated and idempotent Dirac first-order density matrices with identical diagonal Fermion density: a route to extract a one-body potential energy in TDDFT*  
J. Phys. A, 2008. to be published



## A publication list with import and export links

*The inefficiency of H<sub>2</sub>-passivation as a Criterion for the Origin of SiC/SiO<sub>2</sub> Deep Interface States - a Theoretical Study*  
Mater. Sci. Forum, **600-603**:723-726, 2009.

6. N. H. Moreira, G. Dolgonos, B. Aradi et al.  
*Toward an accurate density-functional tight-binding description of zinc-containing compounds*  
Journal of Chem Theory Comput., ASAP, 2009.



**Publications (this year / total):** 6 / 423

Import from: [BibTeX](#), [XML](#)

Export as: [BibTeX](#), [XML](#)

The frontend publication reference editor.

## Record editing

<div style="display: flex; justify-content: space-between;"><div><a href="#">Save</a> <a href="#">Cancel</a> <a href="#">Syntax help</a></div><div><a href="#">Delete</a></div></div>																						
<h3>Required fields</h3> <hr/>																						
<p><b>Bibliography type:</b> <span style="border: 1px solid black; padding: 2px 10px;">Article</span> <span style="float: right;">Update form</span></p>																						
<p><b>Citation ID (BibTeX):</b> <span style="border: 1px solid black; padding: 2px 10px;">XuFRZF2009</span> <span style="float: right;">Generate new id</span></p>																						
<b>Author(s):</b>	<table style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 5%;"></th><th style="width: 45%; text-align: left; padding-bottom: 5px;">Forename</th><th style="width: 50%; text-align: left; padding-bottom: 5px;">Surname</th></tr></thead><tbody><tr><td style="text-align: center;">1</td><td style="border: 1px solid black; padding: 2px;">H.</td><td style="border: 1px solid black; padding: 2px;">Xu <span style="float: right;">▼</span></td></tr><tr><td style="text-align: center;">2</td><td style="border: 1px solid black; padding: 2px;">W.</td><td style="border: 1px solid black; padding: 2px;">Fan <span style="float: right;">▼ ▲</span></td></tr><tr><td style="text-align: center;">3</td><td style="border: 1px solid black; padding: 2px;">A. L.</td><td style="border: 1px solid black; padding: 2px;">Rosa <span style="float: right;">▼ ▲</span></td></tr><tr><td style="text-align: center;">4</td><td style="border: 1px solid black; padding: 2px;">R. Q.</td><td style="border: 1px solid black; padding: 2px;">Zhang <span style="float: right;">▼ ▲</span></td></tr><tr><td style="text-align: center;">5</td><td style="border: 1px solid black; padding: 2px;">Th.</td><td style="border: 1px solid black; padding: 2px;">Frauenheim <span style="float: right;">▲</span></td></tr><tr><td colspan="3" style="text-align: center; padding-top: 5px;"><span style="border: 1px solid black; padding: 2px 5px;">+</span> <span style="border: 1px solid black; padding: 2px 5px;">-</span></td></tr></tbody></table>		Forename	Surname	1	H.	Xu <span style="float: right;">▼</span>	2	W.	Fan <span style="float: right;">▼ ▲</span>	3	A. L.	Rosa <span style="float: right;">▼ ▲</span>	4	R. Q.	Zhang <span style="float: right;">▼ ▲</span>	5	Th.	Frauenheim <span style="float: right;">▲</span>	<span style="border: 1px solid black; padding: 2px 5px;">+</span> <span style="border: 1px solid black; padding: 2px 5px;">-</span>		
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5	Th.	Frauenheim <span style="float: right;">▲</span>																				
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<b>Title:</b>	<p>Hydrogen and oxygen adsorption on ZnO nanowires: A first-principles study (selected for the Virtual Journal of Nanoscale Science and Technology)</p>																					
<b>Journal:</b>	Phys. Rev. B																					
<b>Date (Y - M - D):</b>	2009 - ▼ - ▼																					
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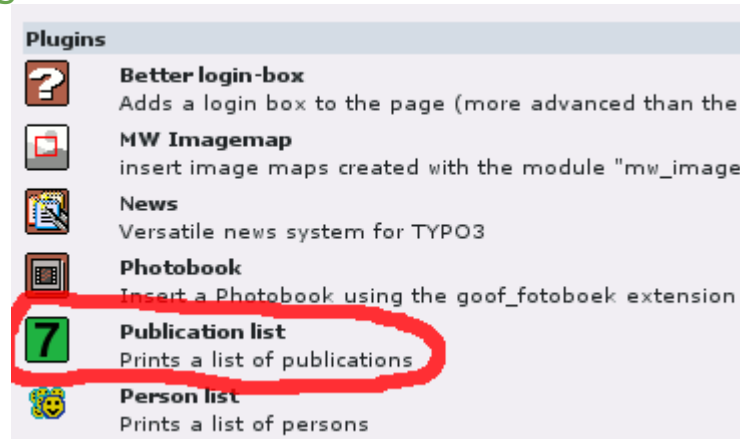
# User manual

## Installation

Install the extension with the Typo3 extension manager. Some database tables will be created and the list view plugin should appear in the plugin list afterwards.

To actually insert or edit a publication reference use the frontend editor of the list view plugin.

## The list view plugin

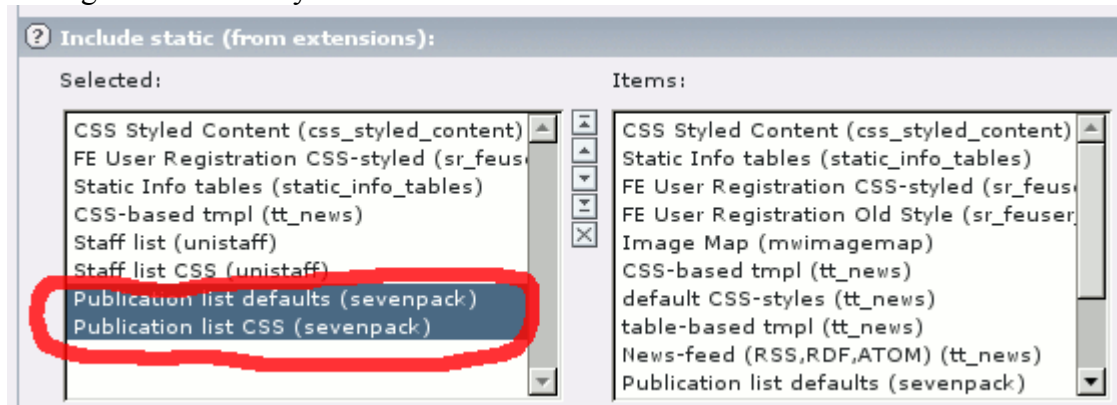


The frontend list view plugin shows a list of publication references and optionally offers an editor for publication entries.

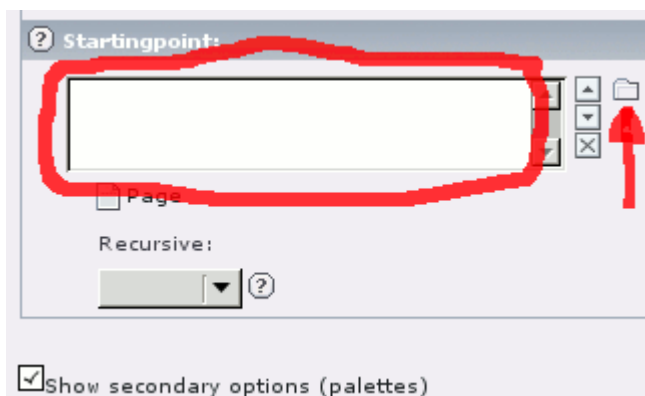
Before inserting the plugin into a page the default configuration and the default style should be loaded into the page template. To do so open the TypoScript template of the base page and go to the field **Include static (from extensions)**. Here the following two items should be listed.

- Publication list defaults (sevenpack)
- Publication list CSS (sevenpack)

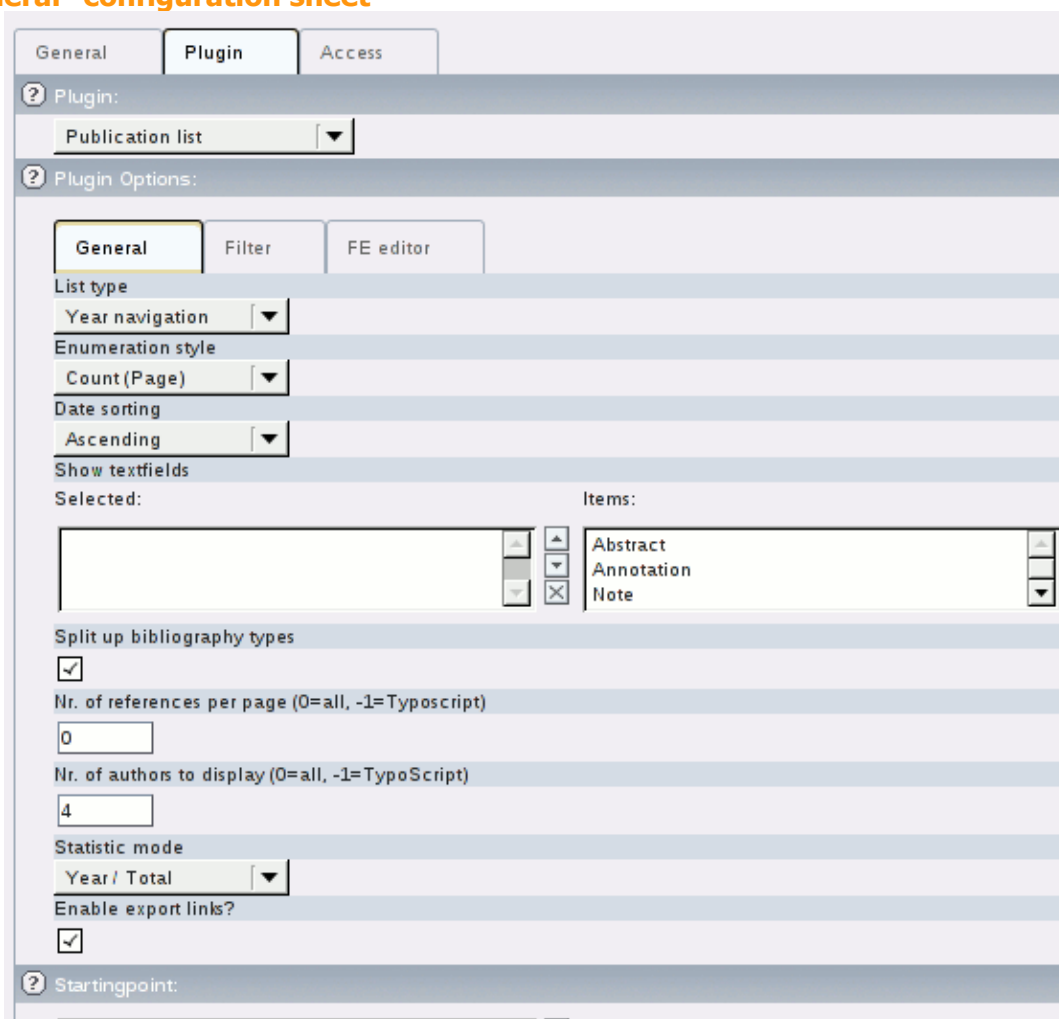
Select both to get the default style.



Now go the page where the list should appear and insert the **Publication list** frontend plugin. The most important thing to configure afterwards is the storage folder for publication references. Simply chose a storage folder in the **Startingpoint** field of the plugin. You can also select multiple storage folders or use recursive folder lookup (enable secondary options).



## The "General" configuration sheet



The general arrangement of the references in the list is defined by the **List type**.

### TypoScript (default)

The list type is read from the variable  
`plugin.tx_sevenpack_pi1.display_mode`

### Simple

A simple top down list.

### Year split

A simple top down list with year separators that show the year of the following references respectively.

## Year navigation

This shows only publications of a selected year and a navigation bar where the year can be chosen.

The **Enumeration style** defines the symbol or number that will show up in front of each references.

### TypoScript (default)

The enumeration style is determined from the variable `plugin.tx_sevenpack_pil.enum_style`

### Count (page)

The running number of all references on the current page. In the simple mode this means all references that pass the filter whereas in the Year navigation mode this means all publications in the selected year.

### Count (all)

In the simple mode this equivalent to **Count (page)** whereas in the **Year navigation** mode this is the running number of all publications in *all* years.

### Bullet

This shows a single bullet.

### None

This shows no symbol at all.

Each enumeration symbol or number can be wrapped with the TypoScript `stdWrap` command which is defined in

- `plugin.tx_sevenpack_pil.enum.page`
  - `plugin.tx_sevenpack_pil.enum.all`
  - `plugin.tx_sevenpack_pil.enum.bullet`
  - `plugin.tx_sevenpack_pil.enum.empty`
- respectively. For example the default wraps look like this.

```
plugin {
    tx_sevenpack_pil {
        enum {
            page.wrap = |.
            all.wrap = |.
            bullet.wrap = |
            empty.wrap = |
        }
    }
}
```

By default the references are sorted with respect to the following database fields.

1. year
2. month
3. day
4. bibtype

If **Split up bibliography types** is selected the sorting is performed in the following order

1. bibtype



2. year
3. month
4. day

and a bibliography type separator is inserted for each bibliography type. The **Date sorting** determines if the sorting by the date fields is performed ascending or descending.

### TypoScript (default)

The date sorting order is read from the variable  
`plugin.tx_sevenpack_pil.date_sorting`

### Descending

Descending sorting (newest on top)

### Ascending

Ascending sorting (oldest on top)

Only if **Show abstracts** is selected abstracts of references will be displayed.

**Nr. of references per page** can be set to a value greater than zero to not show all references at once but to show them page wise. The value determines the number of references on each page. A value of zero means to show all references and if the value is -1 then the number will be read from the TS variable `plugin.tx_sevenpack_pil.items_per_page`.

Some publications have a long authors list which can be stripped down to only the first n authors by **Nr. of authors to display**. In case a publication has more authors than that the exceeding authors will be abbreviated with *et al.*. A value of zero means to show all authors and if the value is -1 then the number will be read from the TS variable `plugin.tx_sevenpack_pil.max_authors`.

Some statistics can be displayed at the bottom of the publication list. The **Statistic mode** determines what should be displayed.

### TypoScript (default)

The statistic mode is read from the variable  
`plugin.tx_sevenpack_pil.stat_mode`

### None

No statistics

### Total

Show the total number of publications

### Year / Total

Show number of publications in this year and the total number of publications. This mode only works in the **Year Navigation** list type. It falls back to **Total** in all other list types.

The **Enable export links** switch enables the export links at the bottom of a publication list.

## The "Filter" configuration sheet

General **Filter** FE editor

Enable year filter  
☐

Year(s) - comma separated / ranges with minus (-)

**Enable author filter**  
☐

Authors - surname, given name

Author filter rule  
☒ OR (any of the authors)  
☐ AND (all of the authors)  
 Highlight selected authors  
☐

Enable stater filter  
☐

States  
☐ published  
☐ accepted  
☐ submitted  
☐ to be published

Enable bibtype filter  
☐

Bibliography types  
 Selected:  Items:  
 Article  
 Book  
 Contribution to book  
 Booklet  
 Conference

Enable intern/extern filter  
☐  
 External only

Enable reviewed filter  
☐  
 Not reviewed

Enable in library filter  
☐  
 In library

Enable lent filter  
☐  
 Not lent

**Enable citeid filter**  
☐

Citation ids - new line separated

In the **Filter** sheet several filters can be applied to the publication list to e. g. select only publications of a certain author in a certain year range. Thereby each filter has to be enabled with a check button and configured by one or more rule fields. Most of the filter rule fields are quite self explaining.

### Year(s)

Years and year ranges must be comma separated. A year is simply a year e. g. 2008 but a year range can have one of three different appearances.

- 2001–2012: All references from inclusive 2001 to inclusive 2012.
- –2002: All references up to inclusive 2002.
- 2004–: All references from inclusive 2004 on.

Year matches are interpreted as "The publication was in one of the given years". A year filter rule could look like this

```
2003, -2002, 2004, 2005-2006
```

which is an inefficient version of

```
-2006
```

## Author(s)

Author names must be separated by a new line.

- If no comma is present in a line then the string is interpreted as the surname.
- If a comma is present then the string before the comma is interpreted as the surname and the string behind the comma is interpreted as the forename or given name.

If the **Author filter rule** is **OR** a publication must have at least one of the authors to be displayed. If it is **AND** then the publication list must include all of the authors to be displayed.

The selected authors can be highlighted if **Highlight selected authors** is activated. This even works when the author filter is not enabled.

## The "FE editor" configuration sheet

This sheet configures the frontend editor which is described in more detail later.

## The frontend editor

The frontend editor is integrated into the list view plugin. If a user wants to use it three conditions must be fulfilled.

1. The user must be in a group which has editing permissions for the sevenpack tables.
2. The editor must be enabled in the list view plugin configuration sheet.
3. The user must be logged in into the backend.

If everything is set up properly the user simply logs in into the backend and then opens a second window or tab for the frontend list view where the edit icons should turn up. Sometimes a forced reload of the frontend is required to make the edit icons appear. To do so hold down the Shift key and click the **Reload** button of your browser.

### Granting edit permissions to a backend usergroup

The user group must have modification rights for the sevenpack tables. This must be enabled in the Typo3 group administration.

Generally the listing of sevenpack tables should be disabled since this would encourage users to use the backend to edit Publications. Because of the partially normalized database layout this could mess up the sevenpack database.

### Activation and configuration

Once the list view plugin is inserted into a page open the plugin configuration and select the sheet **FE Editor**. Activate the check button named **Enable editor?** to enable the editor on this page.

The cite id generation options in the **Fe editor** sheet control whether the citeid of a publication should be generated automatically on demand by a button press or not at all. This can be configured for new and existing entries separately.

It is always a good idea to clear the page cache of the current page after editing or inserting a reference. Only then it will show up for all viewers of the web page immediately. To let the editor clear the page cache of the current page automatically activated the check button named **Clear page cache after editing?**.

### Using the editor

Once you're logged in into the backend reload the publication page in a second window and some edit icons should turn up.

#### Creating a new reference

In the right top of the publication page (plugin) there should turn up a plus icon. Click it to add a new publication reference.

#### Edit/Hide a reference

To the left of each reference there should be two buttons. One is for *hiding* the reference the other one is for *editing* the reference.

#### Deleting a references

The frontend editor holds two buttons which will delete a reference.

Both saving and deletion of a publication reference must be confirmed in the editor.

### Custom citeid generators

There is one default citeid generator provided with this plugin but you can create your own as well. To do so create a copy of the example citeid creator file  
`EXT:sevenpack/res/class.tx_sevenpack_citeid_generator_ext.php` and adjust it to your needs. Don't edit the name of the generator class since this is the class name sevenpack will look for. Then tell sevenpack with the TypoScript variable

```
plugin.tx_sevenpack_pil.editor.citeid_generator_file
```

where your generator is stored. Here is a TypoScript example.

```
plugin {
    tx_sevenpack_pi1 {
        editor {
            citeid_generator_file = /fileadmin/my_citeid_generator.php
        }
    }
}
```

# Administration

## Database layout since version 0.1

The sevenpack database consists of three tables which are as follows.

- tx\_sevenpack\_references
- tx\_sevenpack\_authors
- tx\_sevenpack\_authorships

tx\_sevenpack\_references contains most information e. g. title, publisher, citeid, url, etc. but not the authors. Author names are stored in tx\_sevenpack\_authors and authorships of a publication are stored in tx\_sevenpack\_authorships. This means tx\_sevenpack\_authorships connects between tx\_sevenpack\_references and tx\_sevenpack\_authors.

## Useful SQL queries

The following SQL queries may be handy to analyse or modify the publication reference database.

- *Show all author names*

```
SELECT  pid,surname,forename
FROM    tx_sevenpack_authors
ORDER  BY  pid,surname;
```

- *Show the authors of a publication with id XXX*

```
SELECT  tx_sevenpack_authors.surname,tx_sevenpack_authors.forename
FROM    tx_sevenpack_authors
JOIN    tx_sevenpack_authorships
ON      tx_sevenpack_authorships.author_id=tx_sevenpack_authors.uid
JOIN    tx_sevenpack_references
ON      tx_sevenpack_authorships.pub_id=tx_sevenpack_references.uid
WHERE   tx_sevenpack_references.uid=XXX
ORDER  BY  tx_sevenpack_authorships.sorting;
```

- *Show the number of authors per publication*

```
SELECT  tx_sevenpack_references.uid,count(tx_sevenpack_authors.uid)
FROM    tx_sevenpack_authors
JOIN    tx_sevenpack_authorships
ON      tx_sevenpack_authorships.author_id=tx_sevenpack_authors.uid
JOIN    tx_sevenpack_references
ON      tx_sevenpack_authorships.pub_id=tx_sevenpack_references.uid
WHERE   tx_sevenpack_references.deleted=0
GROUP  BY  tx_sevenpack_references.uid;
```

- *Show the number of publications per author*

```
SELECT  tx_sevenpack_authors.pid,
tx_sevenpack_authors.surname,
tx_sevenpack_authors.forename,
count(tx_sevenpack_references.uid)
FROM    tx_sevenpack_authors
JOIN    tx_sevenpack_authorships
ON      tx_sevenpack_authorships.author_id=tx_sevenpack_authors.uid
JOIN    tx_sevenpack_references
```

```
ON tx_sevenpack_authorships.pub_id=tx_sevenpack_references.uid
WHERE tx_sevenpack_references.deleted=0
GROUP BY tx_sevenpack_authors.uid
ORDER BY tx_sevenpack_authors.pid,
tx_sevenpack_authors.surname;
```

# Configuration

## Customization

Sevenpack can be heavily customized. For a starting point have a look at

- TypeScript
  - The default TypeScript include `pi1/static/default/setup.txt`
  - The `plugin.tx_sevenpack_pi1.field` wraps
  - The `plugin.tx_sevenpack_pi1.label` wraps
- The HTML template

## Reference

### plugin.tx\_sevenpack\_pi1

There are many TypeScript variables that adjust the behaviour of the list view plugin. At this place only the most important will be listed. For a more complete list check the static include file `EXT:sevenpack/pi1/static/default/setup.txt`.

Property:	Data type:	Description:	Default:
authors	array	-> authors. Author string configuration	
debug	boolean	Enables the debug mode.  This prints a lot debug information in the frontend.	
display_mode	integer	The list display mode.  0: Simple 1: Year split 2: Year navigation  This is only used if “ <i>TypoScript</i> ” is selected in the FlexForm.	0
classes	Array	-> classes. Some CSS classes	
date_sorting	integer	The date sorting rule.  0: descending 1: ascending  This is only used if “ <i>TypoScript</i> ” is selected in the FlexForm.	0
editor	Array	-> editor.  The FE editor configuration.	



Property:	Data type:	Description:	Default:
enum	Array	-> enum. Enumeration wraps	
enum_style	integer	The enumeration style. 1: Count all on page 2: Count all 3: Bullet 4: None  This is only used if “ <i>TypoScript</i> ” is selected in the FlexForm.	2
export	Array	-> export. The export link configuration.	
field	Array	-> field. Contains stdWraps for all printable database fields.	
import	Array	-> import. The import link configuration.	
items_per_page	integer	The maximal number of items (references) that should be displayed on a page at once. 0 means all.  It is used only if the FlexForm option is set to -1.	12
label	Array	-> label. Contains wraps for several labels	
max_authors	integer	The maximal number of authors to display. 0 means all  It is used only if the FlexForm option is set to -1.	0
pageNav	Array	The (visual) page navigation configuration. See the static include file for more details.	

Property:	Data type:	Description:	Default:
reference	stdWrap	A wrap around the reference data parts. Replaces the ###REFERENCE_WRAP### markers.	
stat_mode	integer	The statistics mode 0: None 1: Total 2: Year / Total  This is only used if “ <i>TypoScript</i> ” is selected in the FlexForm.	0
template	resource	The HTML template file for the list view	
yearNav	Array	The (visual) year navigation configuration. See the static include file for more details.	

Examples:

- Set the html-template

```
plugin.tx_sevenpack_pi1 {  
    template = /fileadmin/templates/my_sevenpack.tmpl  
}
```

- Change the number wrap

```
plugin.tx_sevenpack_pi1 {  
    enum.number.wrap = <span>|</span>  
}
```

### plugin.tx\_sevenpack\_pi1.authors

This array contains some values that influence the author string generation.

Property:	Data type:	Description:	Default:
forename	stdWrap	Forename wrap	
highlight	stdWrap	Author highlightning wrap	
separator	string/stdWrap	Author separator and its wrap	
surname	stdWrap	Surname wrap	

Property:	Data type:	Description:	Default:
template	string	Full author name template string. Should contain <code>####FORENAME###</code> and <code>####SURNAME###</code> . The default string expects a spacing wrap of around the surname.	<code>####FORENAME##### #SURNAME###</code>

### plugin.tx\_sevenpack\_pi1.label

This is an list of sometimes localized labels that can be wrapped.

Property:	Data type:	Description:	Default:
abstract	stdWrap		
annotation	stdWrap		
bibtype	stdWrap	stdWrap for bibtype separator labels	
edition	stdWrap		
editor	stdWrap		
ISBN	stdWrap		
keywords	stdWrap		
note	stdWrap		
of	stdWrap		
page	stdWrap		
publisher	stdWrap		
volume	stdWrap		
year	stdWrap	stdWrap for year separator labels	

### plugin.tx\_sevenpack\_pi1.field

What follows is a list of all fields that can be wrapped. Additionally the wrap can be overridden for specific bibtypes with a `plugin.tx_sevenpack_pi1.field.BIBTYPE.FIELD` statement.

The following example wraps the organization field with a `<span>` but (and only) in case of a book with a `<div>`.

```
plugin.tx_sevenpack_pi1.field {
    organization.wrap = <span>|</span>
    book.organization.wrap = <div>|</div>
}
```

Property:	Data type:	Description:	Default:
abstract	stdWrap		
address	stdWrap		
affiliation	stdWrap		
annotation	stdWrap		
author	stdWrap	Each author	
authors	stdWrap	All authors	
bibtype	stdWrap		
booktitle	stdWrap		
borrowed_by	stdWrap		
chapter	stdWrap		
citeid	stdWrap		
day	stdWrap		
DOI	stdWrap		
edition	stdWrap		
editor	stdWrap		
extern	stdWrap		
file_url	stdWrap		
howpublished	stdWrap		
in_library	stdWrap		
institution	stdWrap		
ISBN	stdWrap		
journal	stdWrap		
keywords	stdWrap		
misc	stdWrap		
month	stdWrap		
note	stdWrap		
number	stdWrap		
organization	stdWrap		
pages	stdWrap		
publisher	stdWrap		
reviewed	stdWrap		
school	stdWrap		
series	stdWrap		
state	stdWrap		
title	stdWrap		
type	stdWrap		

Property:	Data type:	Description:	Default:
volume	stdWrap		
year	stdWrap		

To wrap the forename or surname check the `plugin.tx_sevenpack_pi1.authors` array.

To avoid (or create?) confusion it may happen that in the output something looks like a field wrap but actually is defined in the html templated used by sevenpack.

Examples:

- Wrap **title** and the whole **authors** string and each **author**

```
plugin.tx_sevenpack_pi1 {
    field.title.wrap = TITLE --- | --- TITLE
    field.authors.wrap = AUTHORS --- | --- AUTHORS
    field.author.wrap = <b>|</b>
}
```

### plugin.tx\_sevenpack\_pi1.classes

Property:	Data type:	Description:	Default:
author_highlight	CSS class	CSS class for (filtered) author highlightning.	tx_sevenpack-author_hl
even	CSS class	CSS class for even rows.	tx_sevenpack-item_even
odd	CSS class	CSS class for odd rows.	tx_sevenpack-item_odd

### plugin.tx\_sevenpack\_pi1.editor

Property:	Data type:	Description:	Default:
num_authors	integer	The starting numer of author entry fields	5
field_default.XXX	Array	<p>This array defines the default values for new entries.</p> <p>E.g.</p> <p><code>field_default.in_library = 1</code></p> <p>sets all new entries to be in the library. This works for most fields but not for the authors field.</p>	

Property:	Data type:	Description:	Default:
default_pid	integer	The uid of the default publication storage folder. This is useful if there are multiple storages to read from but only one into which new publications should go.	
manipulators	Array	Contains some configuration for the manipulators. -> manipulators	

Here is an example

```

plugin.tx_sevenpack_pi1.editor {
    # This is convenient when multiple storages are selected
    default_pid = 12345
    field_default {
        note = This book is in the library
        in_library = 1
    }
}

```

### plugin.tx\_sevenpack\_pi1.editor.manipulators

Property:	Data type:	Description:	Default:
all	stdWrap	Wrap around edit and hide icon	
edit	stdWrap	Wrap for the edit icon	
hide	stdWrap	Wrap for the hide icon	
new	stdWrap	Wrap for the new icon	

### plugin.tx\_sevenpack\_pi1.enum

Property:	Data type:	Description:	Default:
number	stdWrap	stdWrap for the reference enumeration number in the list view.	
bullet	stdWrap	stdWrap for the enumeration bullet.	
empty	stdWrap	stdWrap for the empty enumeration marker.	

### plugin.tx\_sevenpack\_pi1.export

Property:	Data type:	Description:	Default:
enable_export	Comma separated values	Which export links should be available in the list view: bibtex - BibTeX xml - Sevenpack XML	bibtex,xml
bibtex	stdWrap	The wrap for the BibTeX export link	
label	String & stdWrap	The export label and its wrap	
path	resource	The path where the export files will be stored	
separator	String & stdWrap	The export link separator string and its wrap	
xml	stdWrap	The wrap for the XML export link	

### plugin.tx\_sevenpack\_pi1.import

Property:	Data type:	Description:	Default:
bibtex	stdWrap	The wrap for the BibTeX import link	
label	String & stdWrap	The import label and its wrap	
separator	String & stdWrap	The import link separator string and its wrap	
xml	stdWrap	The wrap for the XML import link	

## The HTML template

In construction of the list view all data from the database is merged into a HTML template which consists of blocks which are displayed or merged one into another depending on the situation. The location of the HTML template file in the local file system is set by the TypoScript variable `plugin.tx_sevenpack_pi1.template`.

Sevenpack comes with a default HTML template in `res/table.tmpl`. If you don't like it you can create a copy of `table.tmpl` adjust it to your needs and tell it's location to the plugin with the `plugin.tx_sevenpack_pi1.template` variable.

### The ###LIST\_VIEW### block

In the template there is a section that describes how the list view is composed. It looks somewhat like in

the following example.

```
<!-- ###LIST_VIEW### begin -->
###NEW_ENTRY###
...
<table cellspacing="0" cellpadding="0" border="0" class="tx_sevenpack-list">
<tbody>
###ITEMS###
</tbody>
</table>
...
<!-- ###LIST_VIEW### end -->
```

It is a mixture of HTML content and block markers which will be replaced by dynamically generated HTML content in the composition process. In the `###LIST_VIEW###` section the following block markers are interpreted.

#### **###NEW\_ENTRY###**

This marker gets replaced with the content of `###NEW_ENTRY_BLOCK###`. The block only appears in the editing mode. It shows a button which triggers the creation of new entries.

#### **###YEAR\_NAVI###**

This marker gets replaced with the content of `###YEAR_NAVI_BLOCK###`. The block shows the year navigation bar for the **Year navigation** mode. In all other modes it gets removed.

#### **###PAGE\_NAVI###**

This marker gets replaced with the content of `###PAGE_NAVI_BLOCK###`. The block shows the page navigation icons. It is only displayed if a maximum number of references is configured in the plugin sheet and the number of references which want to be displayed exceeds this number.

#### **###ITEMS###**

This is the most important block. It will be replaced with all the references. This means with several copies of the `###ITEM_BLOCK###`.

#### **###IMPORT###**

This marker gets replaced with the content of `###IMPORT_BLOCK###`. The block shows links to the dataset import pages but only in FE-Editor mode.

#### **###EXPORT###**

This marker gets replaced with the content of `###EXPORT_BLOCK###`. The block shows links to the dataset export pages if they are enabled in the plugin configuration sheet.

#### **###STATISTIC###**

This marker gets replaced with the content of `###STATISTIC_BLOCK###`. The block shows a simple statistic configured in the plugin configuration sheet.

#### **###SPACER###**

This marker gets replaced with the content of `###SPACER_BLOCK###`. This is a spacer block.

Also available are conditional block markers which only show up if the data they relate to won't be an empty string. E. g. the content inside the block markers `HAS_ITEMS` only shows up if there are publications at all.

```
<!-- ###HAS_ITEMS### begin -->
<table cellspacing="0" cellpadding="0" border="0" class="tx_sevenpack-list">
<tbody>
```



```
###ITEMS###
</tbody>
</table>
<!-- ###HAS_ITEMS### end -->
```

Conditional block markers have the appearance of xml comments. The beginning comment must include the text `###HAS_XXX### begin` and the closing comment must include `###HAS_XXX### end` like in the example above. Available conditional block markers in the `LIST_VIEW` block are as follows.

- `###HAS_ITEMS###`
- `###HAS_IMPORT###`
- `###HAS_EXPORT###`
- `###HAS_NEW_ENTRY###`
- `###HAS_PAGE_NAVI###`
- `###HAS_STATISTIC###`
- `###HAS_YEAR_NAVI###`

### The `###ITEM_BLOCK###` block

The `###ITEM_BLOCK###` contains markers which get replaced with database content. The available dataset field markers are in the following list.

- `###ABSTRACT###`
- `###ADDRESS###`
- `###AFFILIATION###`
- `###ANNOTATION###`
- `###AUTHORS###`
- `###BIBTYPE###`
- `###BOOKTITLE###`
- `###BORROWED_BY###`
- `###CHAPTER###`
- `###CITEID###`
- `###DAY###`
- `###DOI###`
- `###EDITION###`
- `###EDITOR###`
- `###EXTERN###`
- `###FILE_URL###`
- `###HOWPUBLISHED###`
- `###IN_LIBRARY###`
- `###INSTITUTION###`
- `###ISBN###`
- `###JOURNAL###`

- `###KEYWORDS###`
- `###MISC###`
- `###MONTH###`
- `###NOTE###`
- `###NUMBER###`
- `###ORGANIZATION###`
- `###PAGES###`
- `###PUBLISHER###`
- `###REVIEWED###`
- `###SCHOOL###`
- `###SERIES###`
- `###STATE###`
- `###TITLE###`
- `###VOLUME###`
- `###YEAR###`

Some localized labels can be used as well, they are:

- `###LABEL_EDITION###`
- `###LABEL_ISBN###`
- `###LABEL_OF###`
- `###LABEL_PAGE###`
- `###LABEL_PUBLISHER###`
- `###LABEL_VOLUME###`

There are also conditional block markers which get removed if a dataset field has no content. E. g. the content inside the block markers `###HAS_PUBLISHER###`

```
<!-- ###HAS_PUBLISHER### begin -->
<span>###LABEL_PUBLISHER###:</span> ###PUBLISHER###,
<!-- ###HAS_PUBLISHER### end -->
```

does not show up if there is no publisher set. Conditional `###HAS_XXX###` block markers are available for all dataset fields.

With the `###URL_WRAP###` block markers any content can be wrapped in a HTML anchor/link. The link target is taken from the database field `file_url`. In the following example the title of a publication becomes a link.

```
<!-- ###URL_WRAP### begin --> ###TITLE### <!-- ###URL_WRAP### end -->
```

The special marker `###ITEM_DATA###` gets replaced with the content of a separate `XXX_DATA`

block where the XXX stands for one of the available bibliography types e. g. ARTICLE\_DATA.

### The ###XXX\_DATA### blocks

XXX\_DATA blocks are specializations of the ITEM\_BLOCK for a specific bibliography type. The available bibliography types are in the following list.

- ARTICLE
- BOOK
- BOOKLET
- CONFERENCE
- INBOOK
- INCOLLECTION
- INPROCEEDINGS
- MANUAL
- MASTERTHESIS
- MISCELLANEOUS
- PHDTHESIS
- POSTER
- PROCEEDINGS
- STRING
- TECHREPORT
- UNKNOWN
- UNPUBLISHED

Any XXX\_DATA block can contain the same markers as an ITEM\_BLOCK except of course the ###ITEM\_DATA### marker. On the other hand an ###ITEM\_DATA### marker in an ITEM\_BLOCK includes the XXX\_DATA block depending on the bibliography type XXX.

# Tutorial

To Do.

## Known problems

None so far.

## To-Do list

These are some thoughts of what could be done.

1. An administration backend plugin
2. A search plugin or plugin option
3. A statistics plugin or plugin option

## Changelog

The changelog is kept in the Changelog file in the plugin root directory.