

EXT: PURE

Extension Key: pure

Language: en

Dependencies: cms, dynaflex

Keywords: PURE, persons, publications, activities, forEditors, forAdmins

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The content of this document is related to TYPO3
- a GNU/GPL CMS/Framework available from www.typo3.org

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Introduction

What does it do?

This extension provides users of PURE v. 4 and TYPO3 to insert information from PURE – Persons, publications and activities.

The benefit of this is that you can decide what information you want to show, and then this information automatically get updated if users updates their information in the PURE system.

For example you can say you want to insert a list of persons from a specific department. Then this queried to PURE server and the person from that specific department will be listed on the page in a table. From there you can click on a person and get all the information about that person.

With this extension you can insert the following:

- Show a single person
- Show a single publication
- Show a single activity
- List of persons – Layouts: List, sortable table
- List of publications – Layout: Sortable list – Extra: RSS Feeds also available
- List of activities – Layout: Sortable list
- Search for persons – Layouts: A simple search box
- Search for publications – Layouts: A simple search box or an advanced form with filters
- Search for activities – Layouts: A simple search box or an advanced form with filters

All the layouts included for persons is also using the microformat [hCard](#).

When clicking on a link to a specific person, publication or activity this is showed on a master page.

All information queried from a PURE server is also being cached in TYPO3.

Note: This extension is currently only adapted to the danish model (Aarhus University) of PURE.

This manual is also available as a PDF document. [Click here to download it.](#)

Screenshots

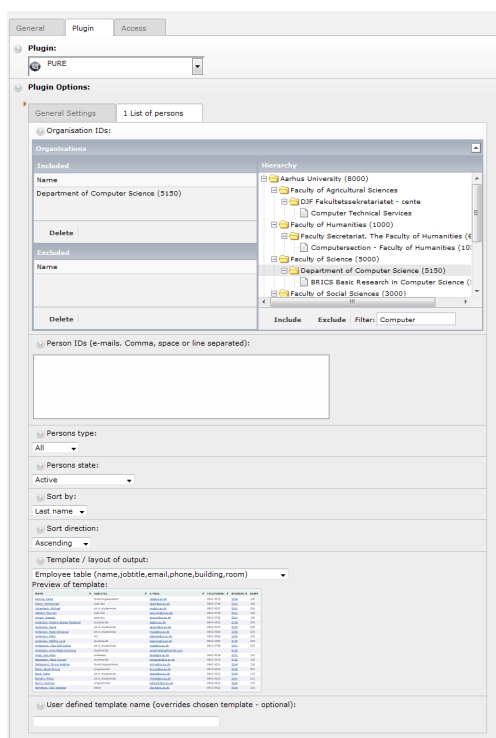


Image 1: Configuration of "List of persons"

EMPLOYEE LIST FROM SINGLE UNIT

NAME	JOB TITLE	EMAIL	PHONE NUMBER	BUILDING	ROOM#
Aarhus, Rikke	Research Assistant	raa@cs.au.dk	+45 8942 9376	5346	236
Abam, Mohammad	post doc	abam@cs.au.dk	+45 8942 5748	5341	122
Achenbach, Michael	PhD student	ma@cs.au.dk	+45 8942 9337	5341	226
Afshani, Peyman	post doc	peyman@cs.au.dk	+45 8942 5748	5341	122
Aiwani, Deepak	post doc	aiwani@cs.au.dk	+45 8942 5785	5341	126
Andersen, Jacob	PhD student	jacand@cs.au.dk	+45 8942 5747	5342	229
Andersen, Mads Schaarup	ph.d.-studerende	masa@cs.au.dk	+45 8942 5686	5346	222
Andersen, Peter	AC	datpete@cs.au.dk	+45 8942 5668	5346	335
Andresen, Anne Mette Scharling	studerende	annemette2@hotmail.com		5128	
Arge, Lars Allan	professor	larqe@cs.au.dk	+45 8942 9336	5341	116
Ballegaard, Stinne Aalskjke	forskningsassistent	stinne@cs.au.dk	+45 8942 9301	5346	236
Bang, Jacob Styvrup	System Administrator	styvru@cs.au.dk	+45 8942 5625	5346	021
Beck, Sofie	ph.d.-studerende	sbeck@cs.au.dk	+45 8942 5622	5346	133
Bendlin, Rikke	ph.d.-student	rikkeb@cs.au.dk	+45 8942 9335	5341	223
Bertelsen, Olav Wedege	Associate Professor	olvab@cs.au.dk	+45 8942 5642	5346	224
Bierrum, Eva	AC	ebierrum@cs.au.dk	+45 8942 5752	5346	338

Image 2: Output after configuration of "List of persons"

PUBLICATIONS - 2009

Sort by: [Date](#) | [Author](#) | [Title](#)

Research

- Aarhus, R., Ballegaard, S. A., Grönvall, E., Larsen, S. B. 2009, "Ageing in communal place", ECSCW - European Conference on Computer Supported Cooperative Work i *Supplementary Proceeding of the 11th European Conference on Computer Supported Cooperative Work*, CONFERENCE ARTICLE
- Aarhus, R., Ballegaard, S. A., Hansen, T. R. 2009, "Sundthiem projektet", SCIENTIFIC REPORT
- Aarhus, R., Ballegaard, S. A., Hansen, T. R. 2009, "The eDiary", i Balka, E.Ciolfi, L.Simone, C.Tellioglu, H.Wagner, I. (eds.) Springer Verlag i *Proceedings of the 11th European Conference on Computer Supported Cooperative Work*, s. 63-83. CONFERENCE ARTICLE PEER REVIEWED
- Abam, M., de Berg, M., Gudmundsson, J. 2009, "A simple and efficient kinetic spanner", vol. 43 *Computational Geometry*, nr. 3, s. 251-256. PEER REVIEWED ARTICLE
- Abam, M., de Berg, M., Farshi, M., Gudmundsson, J., Smid, M. 2009, "Geometric Spanners for Weighted Point Sets", i Fiat, A.Sanders, P. (eds.) vol. 5757 *Lecture Notes in Computer Science*, s. 190-202. CONFERENCE ARTICLE PEER REVIEWED
- Abam, M., de Berg, M. 2009, "Kinetic kd-Trees and Longest-Side kd-Trees", *SIAM Journal on Computing*, PEER REVIEWED ARTICLE
- Abam, M., de Berg, M. 2009, "Kinetic spanners in R^d", i Hershberger, J.Fogel, E. (eds.) Association for Computing Machinery (ACM) i *Annual Symposium on Computational Geometry*, s. 43-50. CONFERENCE ARTICLE PEER REVIEWED
- Abam, M., Carmi, P., Farshi, M., Smid, M. 2009, "On the Power of the Semi-Separated Pair Decomposition", i Dehne, F.Gavrilova, M.Sack, J.Töth, C. (eds.) vol. 5664 *Lecture Notes in Computer Science*, s. 1-12. CONFERENCE ARTICLE PEER REVIEWED
- Abam, M., de Berg, M., Agrawal, P., Yu, H. 2009, "Out-of-order event processing in kinetic data structures", *Algorithmica*, PEER REVIEWED ARTICLE
- Abam, M., de Berg, M., Farshi, M., Gudmundsson, J. 2009, "Region-fault tolerant geometric spanners", vol. 41 *Discrete & Computational Geometry*, nr. 4, s. 556-582. PEER REVIEWED ARTICLE

Image 3: Extension configured to only show publications from a specific year

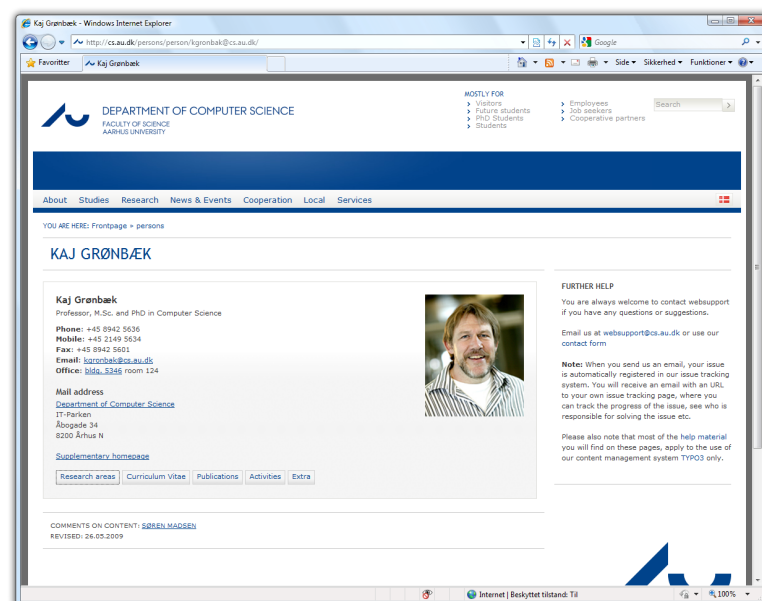


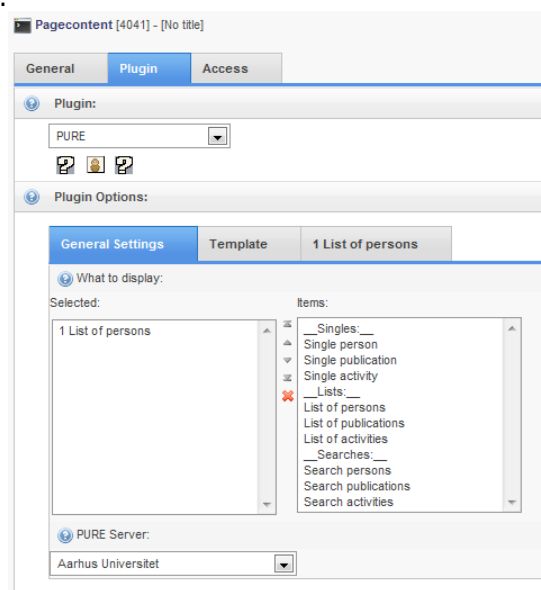
Image 4: Master page showing information about a specific person

Users manual

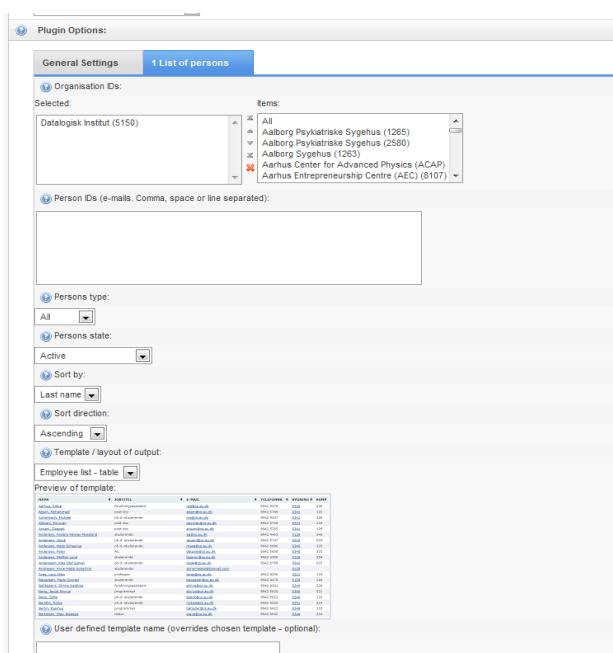
How to insert information from PURE

On a page where you want to insert something, this can be a business card for a person, a list of persons from a department or a list of publications spanning over some years, this can be done by following this standard procedure:

1. When you are in the TYPO3 back-end and have a page where you want information to appear, then click on icon named **Create new element**.
2. Choose **PURE** under **Plugins**.
3. Click the tab named **Plugin**.



4. Under **General Settings** click the type of information you want to insert in the right side. When you click the item will be displayed in the left side. Note that you can choose to setup multiple views by adding more to the left side.
5. For every new tab appearing to the right of the tab named **Template** make sure to set it up. This is done by clicking the tab and choosing the options you like to have.



6. When you are done click the button named **Save document** in the top.

Here is a image of the output generated by following the previous pictures:

NAME	JOB TITLE	EMAIL	PHONE NUMBER	BUILDING	ROOM
Achenbach, Michael	PhD student	ma@cs.au.dk	+45 8942 9337	5341	226
Andersen, Jacob	ph.d.-studerende	jacand@cs.au.dk	+45 8942 5747	5342	229
Andersen, Mads Schaarup	ph.d.-studerende	masa@cs.au.dk	+45 8942 5686	5346	217
Andersen, Peter	AC	datpete@cs.au.dk	+45 8942 5668	5346	335
Andreasen, Esben	programmer	esbena@cs.au.dk	+45 8942 5730	5341	028
Andresen, Anne Mette Scharling	studerende	annemette2@hotmail.com		5128	
Arge, Lars Allan	Professor	large@cs.au.dk	+45 8942 9336	5341	116
Asboe, Mark	forskningsassistent	markasb@cs.au.dk	+45 8942 9376	5346	236
Assent, Ira	adjunkt	ira@cs.au.dk	+45 8942 5703	5341	217
Beck, Sofie	ph.d.-studerende	sbeck@cs.au.dk	+45 8942 5622	5346	133
Bendlin, Rikke	ph.d.-student	rikkeb@cs.au.dk	+45 8942 5617	5342	217
Bertelsen, Olav Wedege	Associate Professor	olavb@cs.au.dk	+45 8942 5642	5346	224
Bjerre, Jens	studerende	karakzan@cs.au.dk	+45 8942 5705	5341	021
Bjerrum, Eva	AC	ebjerrum@cs.au.dk	+45 8942 5752	5346	338
Blunck, Henrik	post doc	blunck@cs.au.dk	+45 8942 5741	5341	015
Bohge, Morten	PhD student	bohgei@cs.au.dk	+45 8942 5697	5346	126
Borchorst, Nikolai Gandrup	ph.d.-studerende	ngandrup@cs.au.dk	+45 8942 5697	5346	126
Bouvin, Niels Olof	lektor	bouvin@cs.au.dk	+45 8942 5659	5346	123
Brodal, Gerth Stelling	Associate Professor	gerth@cs.au.dk	+45 8942 9338	5341	118
Brun, Mads Sandberg	programmer	msb@cs.au.dk	+45 8942 5645	5342	119
Brun, Peter Sandberg	programmer	psb@cs.au.dk	+45 8942 5645	5342	119
Brensted, Jeppe Rørbaek	Assistant Professor	jrb@cs.au.dk	+45 8942 5662	5346	228
Byskov, Jesper Makholm	ph.d.-studerende	jespermn@cs.au.dk			
Bocher, Peter Klith	senior Scientist	bocher@cs.au.dk	+45 8942 5782	5341	124
Bødker, Susanne	professor	bodker@cs.au.dk	+45 8942 5630	5346	122
Caprani, Ole	lektor	ocaprani@cs.au.dk	+45 8942 5676	5346	038
Ceikute, Vaida	ph.d.-studerende	ceikute@cs.au.dk	+45 8942 5663	5341	225
Christensen, Henrik Børhøj	lektor	hbo@cs.au.dk	+45 8942 5673	5346	218

FAQ

How do I insert a list of persons that is sorted precisely the way I want?

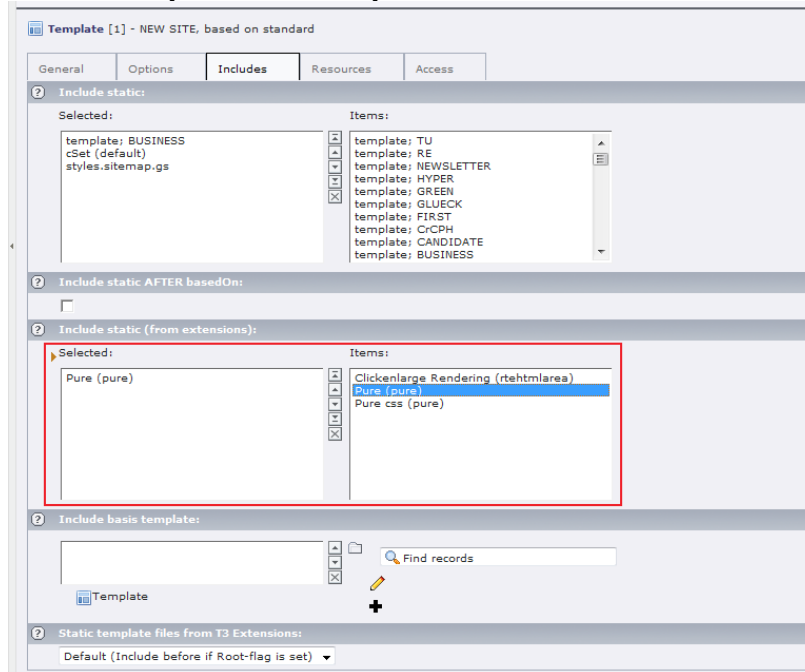
If you want to insert a list of persons given there person-ids, where you will control the the ordering, then you can control this by inserting multiple **Single person** under the **General Settings** and for each **Single person** tab type the person-id and choose the template to use.

Administration

Installation and setup

Requirements: This extension depends on the following extension: [dynaflex](#)

1. Install the extension using **Ext Manager**.
2. On a SITE include **Pure (pure)** and **Pure css (pure)** – The last one of these two is optional. This is done by going to **Template** → A page → **Edit the whole template record** → **Includes** → Choose **Pure (pure)** and **Pure css (pure)** under **Include static (from extensions)**.



3. Setup a master page for the extension (see section "How to setup the MASTER PAGE").

How to setup the MASTER PAGE

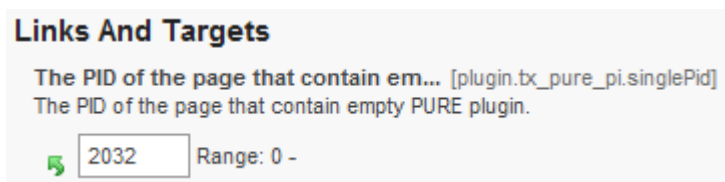
To get the extension to work on a website a page that is going to be the master page for the extension must be configured. This is done like this:

1. Create a new page in TYPO3.
2. Insert the extension on this page (**Create new element** → Choose **PURE** under **Plugins**).
3. Write down the **PID** (Page ID) of the configured page.

The plugin on this page in the back-end will say it is not configured. Just ignore this.

The extension on the website now needs to know which page you did make as the master page. This is done by setting the constant **plugin.tx_pure_pi.singlePid** to the PID from step 3. This can also be done in the TYPO3 back-end like this:

1. Click the tab named **Template** in the right side and choose a page.
2. Choose **Constant Editor** in the drop-down menu.
3. Choose **PLUGIN.PURE** in the next drop-down menu.
4. Write the PID in under **The PID of the page that contain empty PURE plugin** which can be found under the category **Links and targets**.



Configuration

TypoScript configuration

The following section will describe the different TypoScript constants that can be set. The default column is the values set by the TS template **Pure (pure)**.

"plugin.tx_pure_pi" have the following TypoScript properties.

General configuration

Property:	Data type:	Description:	Default:
singlePid	int	The page id (pid) where the single activities, publications and persons will be displayed.	
link_to_portal	boolean	Link to PURE portal. If true it links to the real PURE portal.	1
display_output_if_cached	boolean	If set, then if the data have been cached on server and is ready, then output will be the output directly.	1
include_jquery	boolean	If set, the jQuery library will be included.	0
include_pureJS	boolean	If set, load sub requests etc. sorting, page-index using ajax.	1
pure_primary_lang	string	Pure standard language (primary language used in PURE).	dk
templatesImagesFolder	string	Path to images folder with images with the name on the format "TEMPLATE_NAME.png".	EXT:pure/res/templateImages
cacheTime	int	Time in seconds to cache PURE data for output.	10000
allowCaching	boolean	Allow typo3 to cache the output. (not the rendered PURE-output)	1
list_size	int	Max size for list of items before paging. The size of a single page.	50
list_max_size	int	Max size for list of items.	
rss_list_size	int	Max items for RSS output.	
index_organisationId	string	Person, activity or publication with one of this organisationId that may be index. A comma separated list of the organisations ids. If none may be cached the value "-1" can be used. If all may be cached the value "0" can be used.	-1
noredirect_organisationId	string	Person, activity or publication with none of this organisationId will be redirected to the PURE-portal. A comma separated list of the organisations ids. If all should be redirected the value "-1" can be used. If all none should be redirected the value "0" can be used.	-1
templates	Template configuration array	Configuration array for template. See next section.	
pageBrowser	pageBrowser configuration array	Configuration array for the pagebrowser.	
showSingleItemsBackend	boolean	If set, then single items can be inserted in the backend.	0

Example

Here is an example of the a configuration where organisation with id 5150 or 5140 entries will be displayed at the current site and not directed:

```
plugin.tx_pure_pi {
    singlePid = 2032
    cacheTime = 86400
    noredirect_organisationId = 5150,5140
    index_organisationId = 5150,5140
}
```


Template configuration

The template configuration array have the following properties.

Property:	Data type:	Description:	Default:
singlePidsTemplates	Singlepid template configuration array	Configuration array for single template. See next section.	
persons	array	Templates for a list of persons.	
single_person	array	Templates for a single person.	
single_activity	array	Templates for a single activity.	
activities	array	Templates for a list of activities.	
single_publication	array	Templates for a single publication.	
publications	array	Templates for a list of publications.	
search_publications	array	Templates for searching publications.	
search_publications_result	array	Templates for search publication result.	
search_activities	array	Templates for searching activities.	
search_activities_result	array	Templates for search activities result.	
search_persons	array	Templates for searching persons.	
search_persons_result	array	Templates for search person result.	

Example

Here is an example of the array of templates that can be used to insert a list of persons in the backend:

```
persons {
    2 {
        name = LLL:EXT:pure/locallang_tca.xml:pure.pi_flexform.templateToUse.persons.table
        template = TEMPLATE_PERSONS_TABLE
    }
    1 {
        name = LLL:EXT:pure/locallang_tca.xml:pure.pi_flexform.templateToUse.persons.basic
        template = TEMPLATE_PERSONS_BASIC
    }
    3 {
        name = LLL:EXT:pure/locallang_tca.xml:pure.pi_flexform.templateToUse.persons.simple
        template = TEMPLATE_PERSONS_SIMPLE
    }
    4 {
        name = LLL:EXT:pure/locallang_tca.xml:pure.pi_flexform.templateToUse.person.small
        template = TEMPLATE_SINGLE_PERSON_SMALL
    }
    5 {
        name = LLL:EXT:pure/locallang_tca.xml:pure.pi_flexform.templateToUse.persons.images
        template = TEMPLATE_PERSONS_IMAGES
    }
}
```

The above 5 templates will be available in the backend when inserting a list of persons.

Single pid template configuration

The following template configuration will be used by the MASTER page to display the output.

Property:	Data type:	Description:	Default:
persons	string	Template for a list of persons.	
single_person	string	Template for a single person.	
single_activity	string	Template for a single activity.	
activities	string	Template for a list of activities.	
single_publication	string	Template for a single publication.	
publications	string	Template for a list of publications.	
cv	string	Template to display CV.	
rss	string	Template to display RSS feed for publications.	

Property:	Data type:	Description:	Default:
keyword	string	Template to display keywords for a person.	
keyword_page	string	Template for keyword page.	
keyword_persons	string	Template for persons on keyword page.	
keyword_keyword	string	Template to display keywords on keyword page.	
search_persons	string	Template for searching persons.	
search_persons_result	string	Template for search result.	
search_activities	string	Template for searching activities.	
search_activities_result	string	Template for search result.	
search_publications	string	Template for searching publications.	
search_publications_result	string	Template for search result.	

Example

Here is an example of the configuration of **singlePidsTemplates** which is also the default value of the **Pure (pure)** template:

```
plugin.tx_pure_pi.templates.singlePidsTemplates {
    persons = TEMPLATE_PERSONS_SIMPLE
    single_person = TEMPLATE_SINGLE_PERSON_BASIC

    single_activity = TEMPLATE_SINGLE_ACTIVITY_FULL
    activities = TEMPLATE_ACTIVITIES_SIMPLE

    single_publication = TEMPLATE_SINGLE_PUBLICATION_FULL
    publications = TEMPLATE_PUBLICATIONS_SIMPLE

    cv = TEMPLATE_SINGLE_PERSON_CV
    keyword = TEMPLATE_SINGLE_PERSON_KEYWORD

    keyword_page = TEMPLATE_KEYWORDSANDPERSONS
    keyword_persons = TEMPLATE_PERSONS_NAMES
    keyword_keyword = TEMPLATE_KEYWORD_TITLES

    rss = TEMPLATE_PUBLICATIONS_RSS

    search_persons = TEMPLATE_SEARCH_PERSONS_SIMPLE
    search_persons_result = TEMPLATE_PERSONS_TABLE

    search_activities = TEMPLATE_SEARCH_ACTIVITIES
    search_activities_result = TEMPLATE_ACTIVITIES_SIMPLE_WITHOWNER

    search_publications = TEMPLATE_SEARCH_PUBLICATIONS
    search_publications_result = TEMPLATE_PUBLICATIONS_SIMPLE
}
```

RealUrl

When the extension is up and running the configured master page will function as a gateway to display information about persons, publications and activities. If the MASTER PAGE was named **persons** in the root, then information from PURE can be accessed directly by this page. For example it is possible to show a person by ID/e-mail by entering the following URL:

`http://www.example.com/persons/?tx_pure_pi[personId]=ID`

Ex.: `http://cs.au.dk/persons/?tx_pure_pi[personId]=email@cs.au.dk`

The URL can be more beautiful by using something like the `realurl` extension. By using for example the following configuration for this extension:

```
'postVarSets' => array(
    '_DEFAULT' => array(
        'act' => array(
            array(
                'GETvar' => 'tx_pure_pi[actId]',
            ),
        ),
        'person' => array(
            array(
                'GETvar' => 'tx_pure_pi[personId]',
            ),
        ),
        'org' => array(
            array(
                'GETvar' => 'tx_pure_pi[orgId]',
            ),
        ),
        'showtype' => array(
            array(
                'GETvar' => 'tx_pure_pi[showType]',
            ),
        ),
        'pub' => array(
            array(
                'GETvar' => 'tx_pure_pi[pubId]',
            ),
        ),
    ),
);
```

The URL from before will then be: `http://www.example.com/persons/person/ID`

Ex.: `http://cs.au.dk/persons/person/email@cs.au.dk/`

How to get a dynamic title on the MASTER PAGE

To get a dynamic title on the master page (e.g., a name as title, when viewing a person), please do the following:

1. Click the tab named **Template** in the right side and choose the master page.
2. Choose **Info/Modify** in the drop-down menu.
3. Click on **Edit the whole template record**.
(Click the button **Click here to create an extension template**, if there is now template on the page yet)
4. Insert the following code inside the text area for **Setup**:

```
includeLibs.pagetitle = EXT:pure/class.tx_pure_pagetitle.php
config.titleTagFunction = tx_pure_pagetitle->changetitle
lib.pagetitle = USER
lib.pagetitle {
    userFunc = tx_pure_pagetitle->changetitle
}
```

Insert content using the custom tag "pure"

One can insert some PURE output using the custom tag `pure`. The syntax of this tag is:

```
<pure template="name" type="[person | activity | publication]" function="[list | single]"
>extraParam1=value1,...,extraParamN=valueN</pure>
```

An example could be:

```
<pure template="TEMPLATE PERSONS SIMPLE" type="person"
function="single">personEmployeeIds=psb@cs.au.dk</pure>
```

One can also generate the custom tag from PHP using the class `tx_pure_tag`, using the function:

```
public function generate($template, $type, $function, array $params)
```

An example using this:

```
require_once(t3lib_extMgm::extPath('pure'). 'class.tx_pure_tag.php');  
$tagGenerator = t3lib_div::makeInstance('tx_pure_tag');  
$parameters = array('personEmployeeIds' => 'psb@cs.au.dk');  
echo $tagGenerator->generate('TEMPLATE_PERSONS_SIMPLE', 'person', 'single', $parameters);
```