") punkt.de

pt_extlist documentation



publisher: punkt.de publication: 2010

print-out: 1

person responsible: Daniel Lienert, Michael Knoll

Copyright, brands and trademarks: The author will make every endeavor to consider in all publications copyrights of the used illustrations, sounds, video sequences and texts, to use illustrations, sounds, video sequences produced by himself, or to fall back on license-free illustrations, sounds, video sequences and texts. All brands and trade marks, mentioned within the internet offer, which may be registered and protected by third parties are unrestricted subject to the regulations of the respective valid laws and to the rights of the registered owners. However, due to the bare mention of an brand or trademark, one can not jump to the conclusion, that brand names are not protected by rights of third parties! The copyright for published objects, produced by the author himself, remains only with the author of the pages. A duplication or a use of such illustrations, sounds, video sequences and texts in other electronic or printed publications without the strict agreement of the author is not permitted.

disclaimer: The author does not take over any guarantee for the topicality, the correctness, completeness or quality of the information, made available. Liability claims against the author, concerning damage of idealistic or of material kind, which was caused by the use or not use of the presented information and/or by the use of incorrect and incomplete information, are in principle impossible, so far as not a deliberate or roughly negligent fault can be proved on the part of the author. The documents and graphics on this Web site can be affected by technical inaccuracies or misprints, for which we don't assume any liability. punkt.de any time and without announcement can carry out technical amendments or improvements at the products which don't have to be documented absolutely on this Web site. Therefore punkt.de doesn't take any guarantee for the correctness of the details on this Web site. A legally binding contract on no account takes place alone by the information given here. Please consult us before you make use of the information given here for your application. The author expressly reserves itself the right, to change, to supplement or to delete parts of the pages or the entire offer or occasionally or finally to stop the publication without separate announcement.



Re	eading this	. iv
1.	Introduction	. 1
	1. What does it do?	. 1
2.	xxx	. 3
	1. Examples	. 3
	1.1. Setting up a demo list based on static_countries table	. 3
3.	Set up and Configuration	10
	1. Setting up Lists	10
	1.1. Widgets overview	10
	1.2. TypoScript configuration	10
	1.3. Setting up widgets as content elements	17
4.	Architecture	18
	1. Architecture	18
	1.1. Who should read this?	18
	1.2. Overview	18
	1.3. Basic Architecture	19
	1.4. Configuration	19
	1.5. Handling State	20
	1.6. The Data Backend	21
	1.7. The domain model	23
	1.8. List Rendering	23
5.	xxx	24
	1. API	24
	1.1. Extending pt_extlist	24
	2. Cookbook	27
	2.1. Testaufgabe	27
6.	TSREf	28
	1. pt_extlist	28
7.	Developer Guide	103
	1. Extending pt_extlist	103
	1.1. RenderChain	103



Reading this

author	Michael Knoll, Daniel Lienert
version	1.0
status	draft
confidentiality	internal
document type	extension documentation
start	18.10.2010
last date of editing	03.02.2011
last date of printing	-

Table 1. Information about the document

A documentation for users, administrators and developers.

The users will learn how to install and setup a demo list. The administrators will learn setting up a list and plugin configuration. The developers will learn what pt_extlist is about and how they can manipulate pt_extlist.

The users and administrators need the basic knowledge about programming.



Chapter 1. Introduction

1. What does it do?

This extension is intended to generate all sorts of lists. The data sources for the list can be a database or an extbase repository or anything you write a data-backend for (SOAP, CSV, XML, ...).

There are different steps you have to do if you want to set up a list. For a detailed example see section "Instruction" ###TODO insert link here###.

Here are some screenshots to give you an impression of how it looks like.



Figure 1.1. List rendered from static_countries table

Besides the list itself, there are some more widgets that can be created by pt_extlist:

Static countries



Figure 1.2. Filters for static_countries table

Zeige Element 1 bis 10 von 226

 $\leq < \leq 1$ 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 $\geq >>$

Figure 1.3. Pager for static_countries table

The plugin's flexform lets you insert a pt_extlist plugin as a content element where you can configure your plugin's appearance:



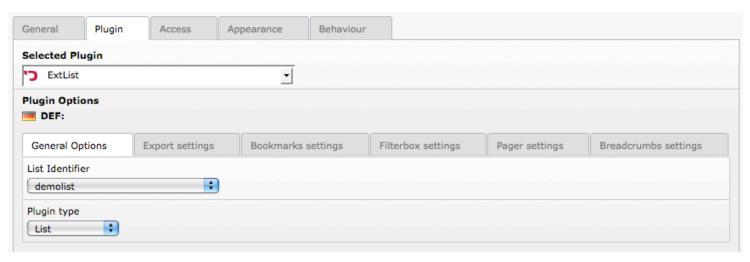


Figure 1.4. Flexform for inserting plugin

You can put several content elements on a page for setting up the layout and appearance of your widgets:



Figure 1.5. Content elements for pt_extlist



Chapter 2. xxx

1. Examples

In this section, some examples will be provided to describe the functionality of pt_extlist. Before you can start, make sure, that pt_extlist is installed and loaded using Extension Manager.

1.1. Setting up a demo list based on static_countries table

In this example, you will learn how to create a list by using a TYPO3 table as data source. We will use static countries table as it is available on all TYPO3 installations.

We will set up a page showing filters, list and pager for static countries.

1. Create a new page inside your page tree and open the template module. Open Template module and create new extension template:

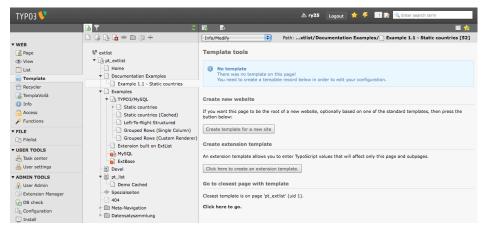


Figure 2.1. Create new extension template ###TODO### insert 1,2,3 for showing what to do in image

2. Give your extension template a proper name:



Figure 2.2. Give your extension template a proper name

3. Switch to the "Includes" Tab and select the following templates:



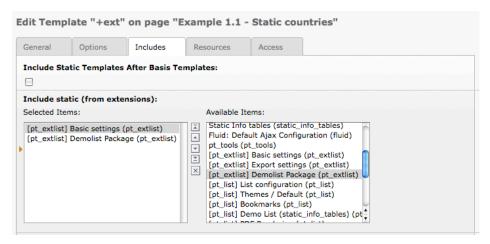


Figure 2.3. Select Basic settings and demolist package as static templates

- 4. Save your template and switch to the page module.
- 5. Select the page you just created and insert a new content element of type "plugin":

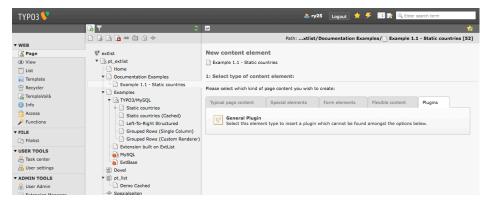


Figure 2.4. Insert plugin as content element

6. Select ExtList from the page content's "Selected Plugin" list:



Figure 2.5. Select ExtList as content type

7. In the flexform for ExtList select "demolist"



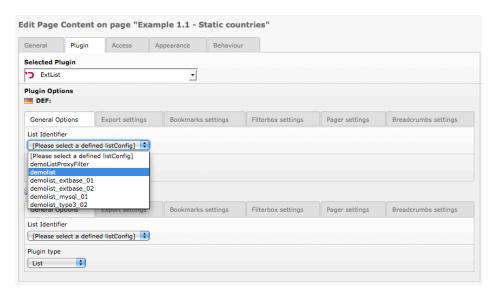


Figure 2.6. Select "demolist" as list identifier

8. As plugin type select "Filterbox":

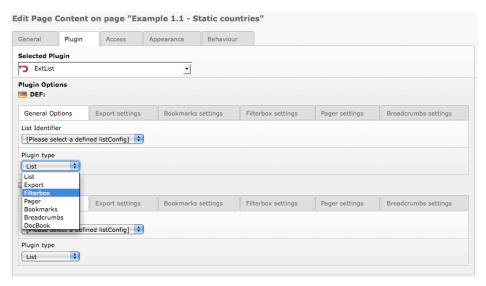


Figure 2.7. Select "Filterbox" as Plugin Type

9. Switch to the "Filterbox settings" Tab and input "filterbox1" as Filterbox Identifier:



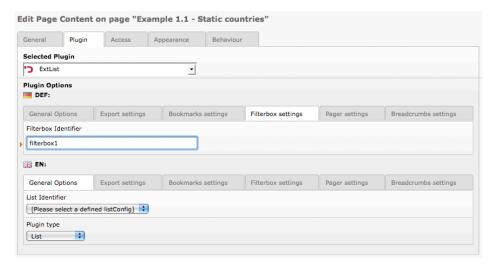


Figure 2.8. Setting the filterbox identifier

10Save your content element and create another one just below. Select "Plugin" as content type and "ExtList" as plugin type just as you did before. Again select "demolist" as list identifier (steps 5 - 7 above), but this time select "list" as plugin type:

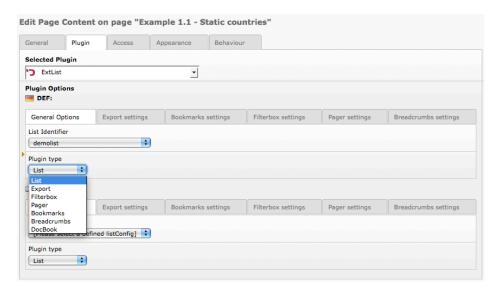


Figure 2.9. Select "List" as Plugin Type

11 Save and create a third content element. Repeat steps 5 - 7 from above, the select "demolist" as List Identifier and select "Pager" as Plugin Type:



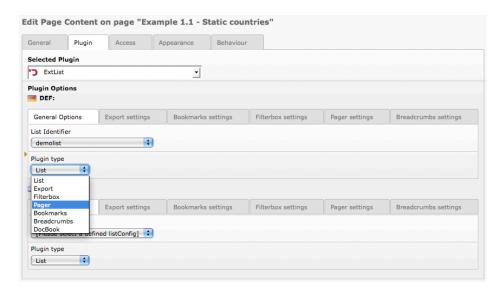


Figure 2.10. Select "Pager" as Plugin Type

12Save content element and take a look at the page in the Frontend. Depending on your CSS Styles, it should look somehow like that:



Example 1.1 - Static countries Country Max Name defined Phone Fields Contine : Africa (57) □ Americas (51) ■ Asia (47) ■ Europe (44) Oceania (27) + Subcontinent [ALL] Submit Filters Filter zurücksetzen Country name (local country name) Capital + ISO ÷ Phone 4 Continent 4 http://www.un.orgAndorra Details Andorra la Vella AD 376 Europe http://www.un.orgAfghanistan (افغانستان <u>Details</u> Kabul AF 93 Asia http://www.un.orgAntigua and Barbuda Details St John's AG 1268 Anguilla Details The Valley ΑI 1264 Americas 355 http://www.un.orgAlbania (Shqipëria) Details Tirana AL Europe Netherlands Antilles (Nederlandse Antillen) Details Willemstad AN 599 Americas Luanda ΑO Africa http://www.un.orgAngola Details **Buenos Aires** AR 54 Americas http://www.un.orgArgentina Details American Samoa (Amerika Samoa) Details Pago Pago AS 685 Oceania http://www.un.orgAustria (Österreich) Details Vienna ΑТ Europe Min.: 0 Ø: 693.6372 Max.: 35818 Σ: 156762

Zeige Element 1 bis 10 von 226 $\leq \leq 1234567891011121314151617181920212223 > >$

Figure 2.11. Frontend view of ExtList widgets

13Now let's do a little more advanced stuff and change the number of records shown per page. Therefore switch to the Template module and select the page where you added the content elements above. Write the following line of code into your setup field:

```
plugin.tx_ptextlist.settings.listConfig.demolist.pager.itemsPerPage = 4
```

Now reload your page in the Frontend and look what's happening - there should be only 4 records per page anymore:





Figure 2.12. List after changing items per page

So that's it - you just set up your first list! Feel free to test the other sample configurations shipping with pt_extlist to see some more features.



Chapter 3. Set up and Configuration

1. Setting up Lists

In this section you will learn how to set up lists using pt_extlist. We will guide you step by step through the TypoScript configuration and show you how to use pt_extlist's widgets as page content.

1.1. Widgets overview

Get an overview of what the individual widgets are doing and how they look like in the frontend. All widgets depend on a list identifier set up in TypoScript and selected within the FlexForm of your plugin.

1.1.1. List widget

Renders a list of data set up by configuration. Can use headers for sorting list data by certain columns.

1.1.2. Filter widgets

Renders filterboxes containing multiple filters defined by configuration.

1.1.3. Pager widget

Renders a pager as configured by configuration. Pager limits rows of list to configured amount per page.

1.1.4. Breadcrumbs widget

Breadcrumbs show which filters are activated and which values they have.

1.1.5. Bookmarks widget

Bookmarks enable user to save certain list settings like filters, pager, sortings and reload them again afterwards.

1.2. TypoScript configuration

1.2.1. List Identifier and TypoScript namespace

Each list has its own identifier.

1.2.2. Sample Configuration

The following listing shows a sample configuration as it ships with pt_extlist.

```
plugin.tx_ptextlist.settings {
   _LOCAL_LANG.default.emptyList = empty list
   listConfig.demolist < plugin.tx_ptextlist.prototype.listConfig.default
   listConfig.demolist {</pre>
```



```
backendConfig < plugin.tx_ptextlist.prototype.backend.typo3
backendConfig {
 datasource {
  # no configuration required here
 tables (
  static_countries,
  static_territories st_continent,
  static_territories st_subcontinent
 )
 baseFromClause (
  static_countries
  LEFT JOIN static_territories AS st_subcontinent ON
(static_countries.cn_parent_tr_iso_nr = st_subcontinent.tr_iso_nr)
 LEFT JOIN static_territories AS st_continent ON (st_subcontinent.tr_parent_iso_nr =
st_continent.tr_iso_nr)
 baseWhereClause (
  st_continent.tr_name_en <> ""
  AND st_subcontinent.tr_name_en <> ""
 }
 fields {
 name_local {
  table = static_countries
  field = cn_short_local
  isSortable = 1
 name_en {
  table = static_countries
  field = cn_short_en
 }
 uno_member {
  table = static_countries
  field = cn_uno_member
 }
 capital {
  table = static_countries
  field = cn_capital
 iso2 {
  table = static_countries
  field = cn_iso_2
  isSortable = 0
 phone {
  table = static_countries
  field = cn_phone
 isoNo {
  table = static_countries
  field = cn_currency_iso_nr
```



```
continent {
   table = st_continent
   field = tr_name_en
  subcontinent {
   table = st_subcontinent
   field = tr_name_en
  countryuid {
   table = static_countries
   field = uid
 pager {
  pagerConfigs {
   second {
     enabled = 1
     pagerClassName = Tx_PtExtlist_Domain_Model_Pager_DefaultPager
    templatePath = EXT:pt_extlist/Resources/Private/Templates/Pager/second.html
     showNextLink = 1
     showPreviousLink = 1
     showFirstLink = 0
    showLastLink = 0
   }
  }
 columns {
  10 {
   columnIdentifier = nameColumn
    label = LLL:EXT:pt_extlist/Configuration/TypoScript/Demolist/
locallang.xml:column_nameColumn
   fieldIdentifier = name_local, name_en, countryuid, uno_member
   isSortable = 1
   sorting = name_local
   renderObj = COA
   renderObj {
    5 = IMAGE
     5.if {
     value.data = field:uno_member
     equals = 1
    5.file = EXT:pt_list/typoscript/static/demolist/un.gif
     5.stdWrap.typolink.parameter = http://www.un.org
     5.stdWrap.typolink.ATagParams = class="un-link"
    10 = TEXT
    10.data = field:name_en
     10.append = TEXT
     10.append {
     data = field:name_local
     if {
      value.data = field:name_local
       equals.data = field:name_en
      negate = 1
     10.append.noTrimWrap = | (|)|
```



```
10.wrap3 = |  
    20 = TEXT
    20.value = Details
    20.typolink.parameter = 1
    20.typolink.additionalParams.dataWrap =
&tx_unseretolleextension_controller_details[countryuid]={field:countryuid}
  11 {
   label = Capital
   columnIdentifier = capital
   fieldIdentifier = capital
   cellCSSClass {
    renderObj = TEXT
    renderObj.dataWrap = {field:capital}
   }
  }
  20 {
   label = LLL:EXT:pt_extlist/Configuration/TypoScript/Demolist/
locallang.xml:column_isoNoColumn
   columnIdentifier = isoNoColumn
fieldIdentifier = iso2
   isSortable = 1
  }
  30 {
   label = Phone
   columnIdentifier = phoneColumn
   fieldIdentifier = phone
  40 {
   label = Continent
   columnIdentifier = continent
   fieldIdentifier = continent
  50 {
   label = Subcontinent
   columnIdentifier = subcontinent
   fieldIdentifier = subcontinent
   accessGroups = 3
  }
 aggregateData {
  sumPhone {
   fieldIdentifier = phone
   method = sum
  avgPhone {
   fieldIdentifier = phone
   method = avg
  maxPhone {
   fieldIdentifier = phone
   method = max
  minPhone {
   fieldIdentifier = phone
   method = min
```



```
aggregateRows {
  10 {
   phoneColumn {
    aggregateDataIdentifier = sumPhone, avgPhone, maxPhone, minPhone
    renderObj = TEXT
    renderObj.dataWrap (
     Min.: <b>{field:minPhone}</b><br />
     &empty:: <b>{field:avgPhone}</b><br />
     Max.: <b>{field:maxPhone}</b><br />
     ∑: <b>{field:sumPhone}</b><br />
 filters {
  filterbox1 {
    filterConfigs {
    10 < plugin.tx_ptextlist.prototype.filter.string</pre>
     filterIdentifier = filter1
     label = LLL:EXT:pt_extlist/Configuration/TypoScript/Demolist/
locallang.xml:filter_nameField
     fieldIdentifier = name_local
    11 < plugin.tx_ptextlist.prototype.filter.string</pre>
    11 {
      filterIdentifier = allFields
     label = All defined Fields
     fieldIdentifier = *
     15 < plugin.tx_ptextlist.prototype.filter.max</pre>
     filterIdentifier = filter15
     label = Max Phone
     fieldIdentifier = phone
     accessGroups = 3
     20 < plugin.tx_ptextlist.prototype.filter.checkbox</pre>
     20 {
     filterIdentifier = filter2
      label = Continent
      fieldIdentifier = continent
     filterField = continent
     displayFields = continent
      showRowCount = 1
      submitOnChange = 0
      invert = 0
     invertable = 0
     excludeFilters = filterbox1.filter3
     30 < plugin.tx_ptextlist.prototype.filter.select</pre>
     30 {
     filterIdentifier = filter3
      label = Subcontinent
      fieldIdentifier = subcontinent
      filterField = subcontinent
     displayFields = continent, subcontinent
```



```
multiple = 0
      showRowCount = 1
      submitOnChange = 0
      inactiveOption = [ALL]
     invert = 0
     invertable = 0
   }
   filterbox2 {
   showSubmit = 0
    showReset = 0
   filterConfigs {
    10 < plugin.tx_ptextlist.prototype.filter.firstLetter</pre>
     filterIdentifier = filter4
      label = Capital
      fieldIdentifier = capital
   }
plugin.tx_ptextlist.settings.listConfig.demoListProxyFilter {
backendConfig < plugin.tx_ptextlist.prototype.backend.typo3</pre>
 backendConfig {
 tables (
  static_territories
 continent {
  table = static_territories
  field = tr_name_en
 fields {
 continent {
  table = static_territories
  field = tr_name_en
 filters {
 filterbox1 {
  filterConfigs {
   10 < plugin.tx_ptextlist.prototype.filter.select</pre>
    10 {
    filterIdentifier = continent
    label = Subcontinent
     fieldIdentifier = continent
     filterField = continent
     displayFields = continent
     showRowCount = 0
     multiple = 0
     inactiveOption = [ALL]
     renderObj = TEXT
     renderObj {
     dataWrap = {field:allDisplayFields}
```





1.2.3.1. Setting up a MySQL backend
1.2.3.2. Setting up a TYPO3 backend
1.2.3.3. Setting up a Extbase backend
1.2.4. fields section
1.2.4.1. Setting up fields for database backends
1.2.4.2. Setting up fields for Extbase domain objects
1.2.5. columns section
1.2.6. filters section
1.2.7. pager section
1.2.8. aggregateData section
1.2.9. aggregateRow section

1.3. Setting up widgets as content elements

1.2.3. backendConfig section

1.2.10. Localization override



Chapter 4. Architecture

This section gives you an overview of the architecture of pt_exlist. It shows its design principles and gives you a hint on where to make your hands dirty if you want to extend pt_extlist or use it in third party extensions.

1. Architecture

1.1. Who should read this?

If you are just interested in how pt_extlist works and want to see how things are put together, the following chapter could be a nice thing to read. If you are a developer and want to extend pt_extlist or want to use it as an API inside your extension, it's necessary to read this!

1.2. Overview

Take a look at the following figure to get a first impression of pt_extlist's architecture:

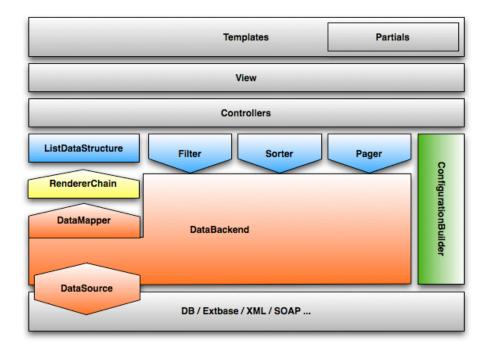


Figure 4.1. Basic Architecture of pt_extlist

The red elements stand for data-related stuff. DataSource gets our data from whatever source we use. Sources can be TYPO3 databases as well as arbitrary MySQL databases and Extbase repositories.

The green elements are configuration-specific which means that they pull our configuration from TypoScript or Flexforms and do various merging on them to generate some nice-to-handle objects that are used for all configuration inside pt_extlist.

The blue elements are what we would like to call our Domain Models as they handle things like lists, filters, pagers etc. which is the core domain of our extension.

Finally the yellow elements stand for all objects that handle the rendering of our list data. As we will see, this can get quite complex.



Our extension architecture is surrounded by some out-of-the box framework stuff provided mainly by Extbase and TYPO3.

1.3. Basic Architecture

1.3.1. Modell-View-Controller (MVC)

1.3.2. Independent Components

1.3.3. pt_extlist Lifecycle

1.4. Configuration

Regarding our extension in a bottom-up fashion, we can easily start with configuration as its the basic thing to have before we can set up anything else. As you might have suggested, most of our configuration is using in TypoScript. Besides there are some settings coming from Flexform or surrounding extensions. We covered this problem inside pt_extlist using what we call a configurationBuilder. Roughly speaking, it is an object that handles the creation of all configuration stuff we need. As we did not like fiddling around with arrays, we started to implement so called configuration objects for all the configuration that we needed. The main ascpects of those objects is to make sure that the required settings are there and correct. Configuration objects are passed to all other objects that require some kind of configuration.

Take a look at this diagram to get an idea of how everything works together:

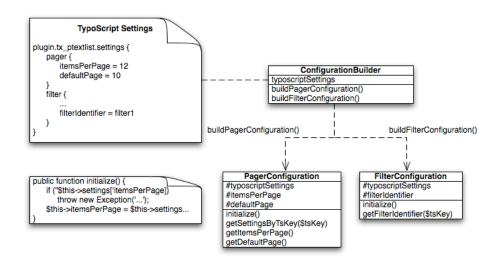


Figure 4.2. Configuration Builder scheme

So what's the basic idea of our so-called configuration objects?

1. TypoScript is a mighty tool for setting up configuration stuff. Unfortunatly there is no way to check for existence and correctness of settings. Our configuration objects jump in the gap here and present a single point of checking configuration.



- 2. Whenever you need a configuration set in TypoScript in your code, you have to check whether it is set or not. This probably has to be done several times and has to be changed several times whenever your configuration needs to be changed. Configuration objects enable you to keep your TS and your program logic synchronized by only changing code in one single class.
- 3. Configurations objects provide you with an object-oriented style of accessing configuration settings. You no longer have to fiddle around with arrays when you want to access configuration, now there are Getters and Setters and things like code-completion.

Before we had what we call the configuration builder, objects had to handle their configuration by themselves which made it necessary to implement huge init()-methods for setting up all configuration stuff. Whenever an object was not a singleton, the configuration stuff had to be run time and time again for every instantiation of an object.

As the configuration builder is a extension-wide singleton class which caches configuration objects once they are created, we now can simply grab a configuration from it, every time we need it and do not have to cope with checking the configuratin within our domain objects which makes them a lot simplier to implement and understand.

1.5. Handling State

Since Extbase has been around, handling with persistence of domain objects isn't that a big problem anymore. We use our repositories for finding, updating and deleting objects and that's it. But what about session persistence. Let's say, a user filters a list with some complicated criterias, selects one single record of it to look at and then comes back to his filtered list. Shouldn't it show the state it had before he opened the single record?

Such functionality is handled in pt_extlist with what we called a "Session-Persistence-Manager". Roughly speaking it is a container to which you can register objects that get a portion of data from the session when the object is created and can store data back to the session when the lifecycle ends.

Here is a sketch of how session persistence is working within pt extlist:

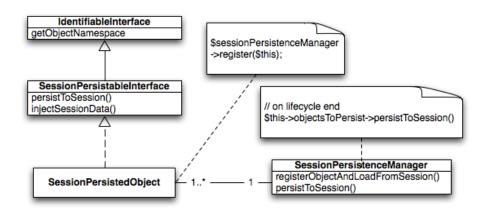


Figure 4.3. Session Persistence in pt_extlist

Please mind, that an object creates its own namespace within the session using the IdentifiableInterface. As we cannot automatically create a namespace for an object this method is implemented individually in each object that wants to use session persistence.



Another place where objects can gather state from are GET and POST parameters. Coming back to our filter example from above, a user could change a previously session-persisted filter so the data coming from the POST vars should overwrite the session settings.

Therefore, we introduced a GET/POST-Var adapter that works somehow similar as the session persistence manager, of course without being able to write back data to it as this would not make any sense.

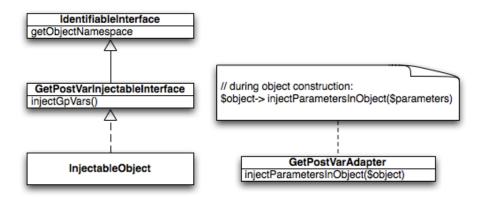


Figure 4.4. GET/POST Var Adapter

The GET/POST-Var adapter also handles the extension and instance namespace. Think about the following situation: you have two instances of pt_extlist plugin on the same page. Each instance comes with its own filters, pagers etc. and the should not influence each other. As an example think about a shopping page, where you have a list of articles on the left and a overview of your shopping cart as a second list on the right.

What the GP-Var adapter does is adding the list identifier (e.g. 'articleList' and 'shoppingCartList') to the namespace of the objects to differentiate between the two instances of the plugin.

1.6. The Data Backend

You can talk about the Data Backend as the heart of the pt_extlist extension. Somehow almost everything comes together here. Most of the pt_extlist components like filters, lists, pagers and breadcrumbs etc. influence the data backend or are themselves influenced or created by the data backend.

Besides being the "glue" holding all components of the extension together, the data backend has the taks of communicating with the "outer-world". This means, that whatever data is displayed within the extension is gathered by the backend from whatever datasource it is working on. The data backend also knows how to translate generic queries and constraints created from the components before they are passed to the data source.

###TODO### insert diagram for data backend

1.6.1. The Query Object

Former implementations of pt_extlist where bound to SQL-databases as a databackend. All queries created were SQL queries so you could directly create SQL snippets within all classes that manipulated the query. E.g. a filter class created some WHERE-clauses, a pager created a LIMIT-clause and a column header created an ORDER BY-clause for sorting.



One big change that comes with pt_extlist was being able to use whatever data source you like as a data backend. We therefore hat to generalize all queries that are created within our classes.

For this purpose, we introduced a so-called query object that can handle common SQL-query like functionality in an object oriented manner. Queries can take constraints (WHERE-clauses), limitations (LIMIT-clausses), sortings (ORDER BY-clauses) and some other stuff. But it's kept in a form that enables us to transform the query to whatever backend we want to use. At the moment there is a TYPO3 backend, using the actual TYPO3-database as a datasource and an Extbase backend that uses Repositories as data sources.

In order to send a query to the corresponding datasource, we have to translate it to a language that can be handled by the backend. We therefore introduced interpreters. Compared to the Extbase query object, those interpreters are independent of the query object itself, so that you can implement your own interpreters for whatever backend you want to support (e.g. XML via XPath or XQuery, SOAP, REST...).

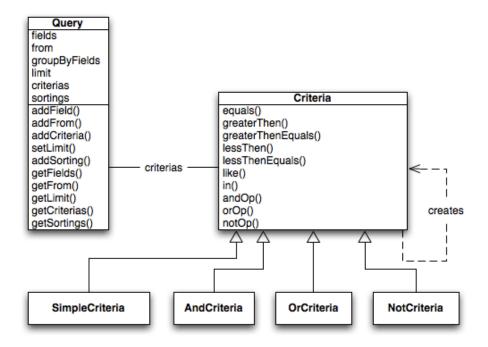


Figure 4.5. Query Object

The translation is handled by Interpreters shipping with a data-backend. Not every data-backend requires its own Interpreter, for example the MySQL backend and the TYPO3 backend share a common Interpreter as they both use SQL.



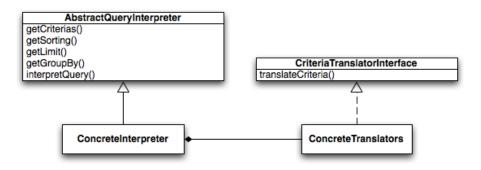


Figure 4.6.

- 1.6.2. Data Sources
- 1.6.3. Data Mappers
- 1.7. The domain model
- 1.7.1. The List object
- 1.7.2. Filters
- 1.7.3. Pager
- 1.7.4. BreadCrumbs
- 1.7.5. Bookmarks
- 1.8. List Rendering
- 1.8.1. The Renderer Chain

Chapter 5. xxx

1. API

In this section you will learn how to use pt_extlist's API to extend the extension or use it within third-party extensions.

1.1. Extending pt_extlist

Pt_extlist can be extended in multiple ways. Many of its classes are configured via TypoScript so you can easily exchange them with your own classes to fit your needs. Common types of extensions are changing Data-Backends or writing your own filter classes. We will start with the latter one.

1.1.1. Writing your own filter classes

Recapitulating what has been told about filters in the Architecture chapter, we reintroduce the following class diagram to understand what filters are actually doing:

```
Tx_PtExtlist_Domain_Model_Filter_FilterInterface

getErrorMessage()

getFilterBoxIdentifier()

getFilterBoxIdentifier()

getFilterConfig()

getFilterConfig()

getFilterUdentifier()

getFilterQuery()

getListIdentifier()

init()

injectDataBackend(Tx_PtExtlist_Domain_DataBackend_DataBackendInterface $dataBackend)

injectFilterConfig(Tx_PtExtlist_Domain_StateAdapter_CetPostVarAdapter $gpVarAdapter)

injectSessionPersistenceManager(Tx_PtExtlist_Domain_StateAdapter_SessionPersistenceManager $sessionPersistenceManager)

isActive()

reset()

validate()
```

Figure 5.1. Filter Interface

By taking a look at the Interface for filters, you see that there are mainly three main purposes:

- 1. Configuration and State-related stuff
- 2. Returning a filter query that determines what the filter is actually filtering on the data
- 3. Creating a filter breadcrumb information

Keeping in mind that there are some helpers - namely abstract classes - that do a lot of work for us we do not have to implement much logic when creating a new filter class:

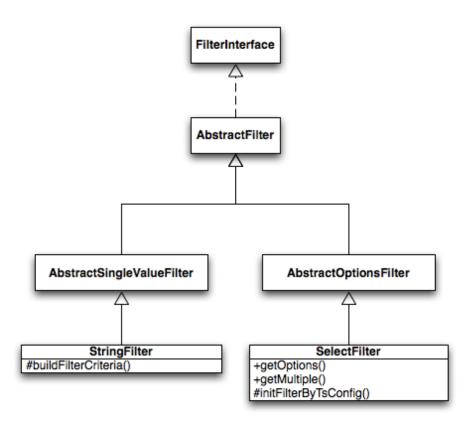


Figure 5.2. Abstract Filter Classes

So as you can see - all that's left for you to implement in your concrete filter class is a method that creates the actual filter criteria.

1.1.1.1. String Filter Example

One of the most simple filters shipping with pt_extlist is the String filter. It can filter a string value based on a user input which is also a string. You can find the String-Filter class in the Classes/Domain/Model/Filter/StringFilter.php file.

Here is the PHP source code:

```
class Tx_PtExtlist_Domain_Model_Filter_StringFilter extends
  Tx_PtExtlist_Domain_Model_Filter_AbstractSingleValueFilter {

  /**
    * Creates filter query from filter value and settings
    *
    * @return Tx_PtExtlist_Domain_QueryObject_Criteria Criteria for current filter value
    (null, if empty)
    */
    protected function
    buildFilterCriteria(Tx_PtExtlist_Domain_Configuration_Data_Fields_FieldConfig
    $fieldIdentifier) {

    if ($this->filterValue == '') {
        return NULL;
    }
    }
}
```



```
$fieldName = Tx_PtExtlist_Utility_DbUtils::getSelectPartByFieldConfig($fieldIdentifier);
$filterValue = '%'.$this->filterValue.'%';

$criteria = Tx_PtExtlist_Domain_QueryObject_Criteria::like($fieldName, $filterValue);

return $criteria;
}
}
```

The most important function is buildFilterCriteria() where the filter creates a constraint on how the data filtered by this filter should look like. We use our generic query criteria $Tx_PtExtlist_Domain_QueryObject_SimpleCriteria$ with an operator like here to implement a string filter that uses a LIKE-comparison in its built criteria. $Tx_PtExtlist_Domain_QueryObject_Criteria$::like(\$fieldName, \$filterValue) is nothing more but a factory method that returns a criteria object.

As we mentioned above, a lot of functionality is given to us by our abstract classes, so to get some more information about what the String-Filter does and how it is configured, ake a look at its TypoScript prototype located in Configuration/TypoScript/BaseConfig/Prototype/Filter.txt:

```
string {
  filterClassName = Tx_PtExtlist_Domain_Model_Filter_StringFilter
  partialPath = Filter/String/StringFilter
  defaultValue =
  accessGroups =

  breadCrumbString = TEXT
  breadCrumbString {
    # Fields that can be used are "label" and "value"
    dataWrap = {field:label} equals {field:value}
  }
}
```

You find a lot more configuration possibilities here than you would assume after looking at the filter class above. First of all, there is a filterClassName, that determines which filter class to instantiate in order to create a string filter object. The partial path leeds us to the HTML template that is used for the filter's user interface. defaultValue lets us set a predefined value when the filter is shown for the first time and accessGroups restricts the filter to certain fe_groups that are allowed to see the filter.

breadCrumbString enables us to create a TS template for rendering the breadcrumb text of the filter.

The last thing we have to know, when we want to implement our own filter class is how to actually configure them within our list configuration. Therefore you should take a look at one of the demolists' filterbox configurations. There we find something like this:

```
filters {
  filterDox1 {
    filterConfigs {
      10 < plugin.tx_ptextlist.prototype.filter.string
      10 {
        filterIdentifier = filter1
        label = LLL:EXT:pt_extlist/Configuration/TypoScript/Demolist/
locallang.xml:filter_nameField
        fieldIdentifier = name_local
      }
    }
}</pre>
```



}

All the filters of a list configuration are configured in the *filters* section of your configuration. Within this section you have to set up a arbitrary key for the name of your filterbox. In the example above, this is *filterbox1*. For each filterbox, you have to set up a list of filters within *filterConfigs* and in there we finally have our String-Filter. The basic settings are copied from the prototype above, then we have to change the settings that are unique for our usasge of the filter like filterIdentifier, label and the fieldIdentifier we want to let our filter operate on.

2. Cookbook

This chapter is a collection of recipes for common tasks in pt_extlist.

2.1. Testaufgabe

Beschribung der Aufgabe



Figure 5.3.

1.

Chapter 6. TSREf

1. pt_extlist

TypoSript Reference

plugin.tx_ptextlist.settings

plugin.tx_ptextlist.settings

TS-Key:

plugin.tx_ptextlist.settings

Description

Main TS-key for all pt_extlist settings.

CObject: NO

Child elements

listConfig,

listConfig

listConfig

TS-Key:

plugin.tx_ptextlist.settings.listConfig

Description

Holds configuration for all list identifiers configured by array key.

Datatype: Associative Array (listIdentifier => listConfiguration)

CObject: NO

Example

```
plugin.tx_ptextlist.settings {
  listConfig {
    listIdentifier1 {
     # Here goes the configuration for your first list
     ...
  }
  listIdentifier2 {
```



```
# Here goes the configuration for your second list
...
}

# Feel free to add more lists...
...
}
```

Child elements

base, [yourListId],

base

base

TS-Key:

plugin.tx_ptextlist.settings.listConfig.base

Description

Basic settings for pt_extlist

CObject: NO

Child elements

 $uncached Session Storage Adapter,\ cached Session Storage Adapter,$

uncachedSessionStorageAdapter

uncachedSessionStorageAdapter

TS-Key:

plugin.tx_ptextlist.settings.listConfig.base.uncachedSessionStorageAdapter

Description

Define the session storage adapter that should be used in uncached mode. Posible values are the classes described below or any other class that implements the interface Tx_PtExtbase_State_Session_Storage_AdapterInterface.

Datatype: String

Posible values: Tx_PtExtbase_State_Session_Storage_SessionAdapter: Default browser session storage adapter. Tx_PtExtbase_State_Session_Storage_FeUserSessionAdapter: TYPO3 fe_user bases session storage.

Default: Tx_PtExtbase_State_Session_Storage_SessionAdapter

CObject: NO



cachedSessionStorageAdapter

cachedSessionStorageAdapter

TS-Key:

plugin.tx ptextlist.settings.listConfig.base.cachedSessionStorageAdapter

Description

Define the session storage adapter that should be used in cached mode. Posible values are the classes described below or any other class that implements the interface Tx_PtExtbase_State_Session_Storage_AdapterInterface.

Datatype: String

Posible values: Tx_PtExtlist_Domain_StateAdapter_Storage_NullStorageAdapter: Hold every session variable as GET parameters in the URL. Use this adapter if you want to use realURL. Tx_PtExtlist_Domain_StateAdapter_Storage_DBStorageAdapter: Save the session variables into the database and add an identifier for this db-entry to the GET variables. Use this adapter if you want to handle many parameters and keep the URL length constant.

Default: Tx_PtExtlist_Domain_StateAdapter_Storage_NullStorageAdapter

CObject: NO

[yourListId]

[yourListId]

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId]

Description

Holds configuration for a single list identifier. This is where the main part of your list configuration has to be set up.

CObject: NO

Example

```
plugin.tx_ptextlist.settings {
  listConfig {
    demolist_mysql_01 {
     backendConfig < plugin.tx_ptextlist.prototype.backend.mysql
     backendConfig {
        ...
     }
     fields {</pre>
```



```
columns {
    ...
}

filters {
    ...
}

pager {
    ...
}

}
}
```

Child elements

default, backendConfig, fields, columns, rendererChain, aggregateData, aggregateRows, pager, filters, headerPartial, bodyPartial, agregateRowsPartial,

default

default

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].default$

Description

List default values.

CObject: NO

Child elements

sortingColumn,

sortingColumn

sorting Column

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].default.sortingColumn

Description

The default sorting column while no other sorting ist set. Direction can be set with DESC or ASC after the column identifier.



Datatype: String

Posible values: Any column identifier

CObject: NO

Example

```
// use capital as default sorting column in ascending order
sortingColumn = capital
// use capital as default sorting column in descending order
sortingColumn = capital DESC
```

backendConfig

backendConfig

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].backendConfig

Description

Holds the configuration for the data backend to be used with this configuration. Configurable values depend on individual backend, e.g. TYPO3-Backend, MySQL-Backen, ExtBase-Backend etc.

CObject: NO

Variants

backendConfig.mysql, backendConfig.typo3, backendConfig.extbase,

Variants of backendConfig:

backendConfig.mysql

backendConfig.mysql

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].backendConfig.backendConfig.mysql

Description

Backend configuration for connecting to native MySQL databases. DSN needs to be configured.

CObject: NO

Prototype: plugin.tx_ptextlist.prototype.backend.mysql



Example

```
backendConfig {
  dataSource {
    username = t3ry21ptldev
    password = xxxxxx
    databaseName = t3ry21ptldev
}

tables (
  City,
  Country
)

baseFromClause (
  Country
  INNER JOIN City ON City.CountryCode = Country.Code
  INNER JOIN CountryLanguage ON CountryLanguage.CountryCode = Country.Code
)

baseWhereClause (
  )

baseGroupByClause (
  Country.Code, City.ID
  )
}
```

Child elements

datasource, baseFromClause, baseWhereClause, baseGroupByClause,

datasource

datasource

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].backendConfig.backendConfig.mysql.datasource

Description

Defines datasource for (MySQL) data backend.

CObject: NO

Example

```
dataSource {
  host = mysql.db.hoster.tld
  username = funnyrabbit
  password = xxxxxxx
  databaseName = rabbitsdatabase
}
```



Child elements

host, port, databaseName, username, password,

host

host

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].backendConfig.backendConfig.mysql.datasource.host$

Description

Defines hostname of mysql database server.

Datatype: String

Posible values: All valid addresses for servers (IP-Addresses and URLs)

Default: localhost **CObject:** NO

port

port

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].backendConfig.backendConfig.mysql.datasource.port$

Description

Port number on which MySQL database server is listening.

Datatype: Int

Posible values: Any valid port number

Default: 3306 CObject: NO

databaseName

databaseName

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].backendConfig.backendConfig.mysql.datasource.databaseName

Description

Name of database to be used for connection.

Datatype: String

Posible values: Any valid database name



CObject: NO

username

username

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].backendConfig.backendConfig.mysql.datasource.username

Description

Username to be used for database connection.

Datatype: String

Posible values: Valid username for MySQL connection.

CObject: NO

password

password

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].backendConfig.backendConfig.mysql.datasource.password$

Description

Password to be used for database connection.

Datatype: String

Posible values: Any valid password.

CObject: NO

baseFromClause

baseFromClause

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].backendConfig.backendConfig.mysql.baseFromClause$

Description

Holds the FROM clause of a mysql query without the FROM keyword.

Datatype: String CObject: YES

Example



```
static_countries
LEFT JOIN static_territories AS st_subcontinent ON (static_countries.cn_parent_tr_iso_nr =
    st_subcontinent.tr_iso_nr)
```

baseWhereClause

baseWhereClause

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].backendConfig.backendConfig.mysql.baseWhereClause

Description

Holds the WHERE clause of a mysql query without the WHERE keyword.

CObject: YES

Example

```
# Example using cObject
baseWhereClause.cObject = COA
baseWhereClause.cObject {
    10 = TEXT
    10 {
        data = TSFE:fe_user|user|username
       noTrimWrap = | ticket.queue_id IN (SELECT queue_id FROM personal_queues WHERE
 user_id = (SELECT id FROM users WHERE login = "|")) |
    20 = TEXT
    20 {
        data = TSFE:fe_user|user|username
        noTrimWrap = | AND ticket.user_id IN (1, (SELECT id FROM users WHERE login = "|"))
    30 = TEXT
    30 {
        data = TSFE:fe_user|user|username
       noTrimWrap = | OR ticket.user_id = (SELECT id FROM users WHERE login = "|") |
# Example using no cObject
baseWhereClause = fe_users.uid <> 0
```

baseGroupByClause

baseGroupByClause

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].backendConfig.backendConfig.mysql.baseGroupByClause$



Description

Holds the GROUP BY clause of a mysql query without the GROUP BY keyword.

Datatype: String CObject: YES

Example

st_continent

backendConfig.typo3

backendConfig.typo3

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].backendConfig.backendConfig.typo3

Description

TYPO3 Backend. Inherits the Features from the MySql Backend but the datasource is already configured. The TYPO3 Backend handles enableFields automatically in where clauses.

CObject: NO

Example

```
backendConfig < plugin.tx_ptextlist.prototype.backend.typo3
backendConfig {
  tables (
    static_countries,
    static_territories st_continent,
    static_territories st_subcontinent
)

baseFromClause (
    static_countries
    LEFT JOIN static_territories AS st_subcontinent ON (static_countries.cn_parent_tr_iso_nr
    = st_subcontinent.tr_iso_nr)
    LEFT JOIN static_territories AS st_continent ON (st_subcontinent.tr_parent_iso_nr =
    st_continent.tr_iso_nr)
)

baseWhereClause (
    st_continent.tr_name_en <> ''
AND st_subcontinent.tr_name_en <> ''
}
```

Child elements

tables, useEnableFields,



tables

tables

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].backendConfig.backendConfig.typo3.tables

Description

Define tables to be used with enable fields. TYPO3 special fields (deleted, hidden) are automatically applied to query.

Datatype: Comma seperated list of table names and aliases (optional).

CObject: NO

Example

```
static_countries,
static_territories st_continent
```

useEnableFields

useEnableFields

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].backendConfig.backendConfig.typo3.useEnableFields$

Description

Use enableFields for alle tables that are defined with key tables.

Datatype: Boolean **Posible values:** 0,1

Default: 1 CObject: NO

Example

backendConfig.extbase

backendConfig.extbase



plugin.tx_ptextlist.settings.listConfig.[yourListId].backendConfig.backendConfig.extbase

Description

Extbase Repository Backend.

CObject: NO

Prototype: plugin.tx_ptextlist.prototype.backend.extbase

fields

fields

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].fields

Description

Defines raw datasource fields, wich can than combined and processed in to table fields.

Datatype: Associative array

CObject: NO

Child elements

[yourFieldId],

[yourFieldId]

[yourFieldId]

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].fields.[yourFieldId]

Description

Named definition of a single data field.

Datatype: String **CObject:** NO

Example

```
<![CDATA[
name_local {
  table = static_countries
  field = cn_short_local
  isSortable = 1
}
```



Child elements

table, field, special, isSortable, expandGroupRows,

table

table

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].fields.[yourFieldId].table

Description

The table, this field belongs to.

Datatype: String **CObject:** NO

field

field

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].fields.[yourFieldId].field$

Description

Name of the tables field.

CObject: NO

special

special

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].fields.[yourFieldId].special

Description

Insert a individual SQL snippet.

CObject: NO

isSortable

isSortable



plugin.tx_ptextlist.settings.listConfig.[yourListId].fields.[yourFieldId].isSortable

Description

CObject: NO

expandGroupRows

expandGroupRows

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].fields.[yourFieldId].expandGroupRows$

Description

CObject: NO

columns

columns

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].columns

Description

Holds the tables column definitions.

Datatype: Array **CObject:** NO

Prototype: plugin.tx_ptextlist.prototype.column.default

Example

```
10 {
   label = LLL:EXT:pt_extlist/Configuration/TypoScript/Demolist/
locallang.xml:cn_short_localColumn
   columnIdentifier = cn_short_localColumn
   fieldIdentifier = cn_short_local
   isSortable = 1
}
```

Child elements

10,20,30,

10,20,30

10,20,30

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].columns.10,20,30

Description

CObject: NO

Child elements

fieldIdentifier, label, renderUserFunctions, renderTemplate, renderObj, sorting, sortingImageAsc, sortingImageDesc, sortingImageDefault, accessGroups, cellCSSClass,

fieldIdentifier

fieldIdentifier

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].columns.10,20,30.fieldIdentifier

Description

Either a single identifier of a defined field, a comma separated list of identifiers or '*' to use all defined fields.

Datatype: fieldIdentifier or *

CObject: NO

Example

```
// use a single field
fieldIdentifier = cn_short_local

// use a list of fields
fieldIdentifier = cn_short_local, name_local

// use every defined field
fieldIdentifier = *
```

label

label

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].columns.10,20,30.label$



Description

A label for this element.

Datatype: String **CObject:** YES

Example

```
// as string
label = country

// as referenc to language file entry
label = LLL:EXT:pt_extlist/Configuration/TypoScript/Demolist/
locallang.xml:cn_short_localColumn
```

renderUserFunctions

renderUserFunctions

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].columns.10,20,30.renderUserFunctions

Description

A list of userfunctions to render the field value.

CObject: NO

Example

```
renderUserFunctions {
  10 = EXT:pt_extlist/Resources/Private/UserFunctions/
class.tx_ptextlist_demolist_renderer.php:tx_ptextlist_demolist_renderer->iso2CodeRenderer
}
```

renderTemplate

renderTemplate

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].columns.10,20,30.renderTemplate

Description

CObject: NO



render0bj

renderObj

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].columns.10,20,30.renderObj

Description

CObject: NO

sorting

sorting

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].columns.10,20,30.sorting

Description

Define sorting for this column. A single sorting definition consists either of a fieldidentifier or a fieldidentifier followed by direction. The direction can be fixed with adding a '!' in front of the direction.

Datatype: Seperated list of fieldIdentifiers.

CObject: NO

Example

```
// Order by name_local ASC, name_en ASC
sorting = name_local, name_en

// Order by name_local DESC, name_en ASC
sorting = name_local DESC, name_en

// Order by name_local DESC, name_en ASC

// Sorting by name_local is fixed to DESC with the "!" and does not toggle
sorting = name_local !DESC, name_en
```

sortingImageAsc

sortingImageAsc

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].columns.10,20,30.sortingImageAsc

Description

Image for ascending ordered column header.



Default: EXT:pt_extlist/Resources/Public/List/icon_table_sort_asc.png

CObject: NO

sortingImageDesc

sortingImageDesc

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].columns.10,20,30.sortingImageDesc

Description

Image for descending ordered column header.

Default: EXT:pt_extlist/Resources/Public/List/icon_table_sort_desc.png

CObject: NO

sortingImageDefault

sortingImageDefault

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].columns.10,20,30.sortingImageDefault

Description

Image for unordered column header.

Default: EXT:pt_extlist/Resources/Public/List/icon_table_sort_default.png

CObject: NO

accessGroups

accessGroups

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].columns.10,20,30.accessGroups

Description

CObject: NO

cellCSSClass

cellCSSClass



plugin.tx_ptextlist.settings.listConfig.[yourListId].columns.10,20,30.cellCSSClass

Description

CObject: NO

rendererChain

rendererChain

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].rendererChain

Description

Holds the renderer configuration.

CObject: NO

Prototype: plugin.tx_ptextlist.prototype.rendererChain

Example

```
rendererChain {
  rendererConfigs {
   110 < plugin.tx_ptextlist.prototype.renderer.columnGroup
   110 {
     columnIdentifier = ContinentColumn
     showRowCount = 1
   }
  }
}</pre>
```

Child elements

enabled, rendererConfigs,

enabled

enabled

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].rendererChain.enabled

Description



Datatype: Boolean **Posible values:** 0,1

Default: 1 CObject: NO

rendererConfigs

rendererConfigs

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].rendererChain.rendererConfigs

Description

A list of chained renderer classes that work on list data structures. The default renderer class uses the column configuration, to render the list of field data in a list of rows and columns. By default this renderer iscalled at position 100. All defined renderer before 100 work on a field data list, while renderer after 100 work on a column list data structure.

Datatype: Array (10,20,30)

CObject: NO

Example

Child elements

[yourNumericRendererId],

[yourNumericRendererId]

[yourNumericRendererId]

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].rendererChain.rendererConfigs.[yourNumericRendererId]

Description

Configuration of a single renderer.

Posible values: 10,20,30

CObject: NO

Child elements

renderClassName,



renderClassName

renderClassName

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].rendererChain.rendererConfigs.[yourNumericRendererId].renderClassNarrendererConfigs.[yourNumericRendererId].rendererChain.rendererConfigs.[yourNumericRendererId].rendererChain.rendererConfigs.[yourNumericRendererId].rendererChain.rendererConfigs.[yourNumericRendererId].rendererChain.rendererChain.rendererConfigs.[yourNumericRendererId].rendererChain.r$

Description

The class name of the renderers php class.

Datatype: String **CObject:** NO

aggregateData

aggregateData

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].aggregateData$

Description

Defines aggregates of data fields.

Datatype: Associative array

CObject: NO

Example

```
aggregateData {
  sumPhone {
    fieldIdentifier = phone
    method = sum
  }
}
```

Child elements

[yourAggregateFieldId],

[yourAggregateFieldId]

[yourAggregateFieldId]

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].aggregateData.[yourAggregateFieldId]



Description

Named definition of a single data field.

Datatype: Associative array

CObject: NO

Example

```
sumPhone {
  fieldIdentifier = phone
  method = sum
  scope = query
}
```

Child elements

method, scope,

method

method

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].aggregateData.[yourAggregateFieldId].method

Description

Defined aggregate methods.

Datatype: String

Posible values: min,max,sum,avg

CObject: NO

scope

scope

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].aggregateData.[yourAggregateFieldId].scope$

Description

The scope for the aggregation can be either set to the current page or to the whole query. Aggregates for the current page are calculated internally without an additional database query.

Datatype: String

Posible values: page, query

CObject: NO



aggregateRows

aggregateRows

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].aggregateRows

Description

Holds the aggregates columns definitions.

Datatype: Associative array

Posible values: All columnIdentifiers

CObject: NO

Example

```
aggregateRows {
  10 {
    phoneColumn {
      aggregateDataIdentifier = sumPhone
      renderObj = TEXT
      renderObj.dataWrap (
         ∑: <b>{field:sumPhone}</b>
      )
      }
    }
}
```

Child elements

[yourColumnId],

[yourColumnId]

[yourColumnId]

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].aggregateRows.[yourColumnId]$

Description

CObject: NO

Child elements

aggregateDataIdentifier,



aggregateDataIdentifier

aggregateDataIdentifier

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].aggregateRows.[yourColumnId].aggregateDataIdentifier

Description

Datatype: String **CObject:** NO

pager

pager

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].pager

Description

Holds all pager configuration **Datatype:** Associative array

CObject: NO

Child elements

itemsPerPage, pagerConfigs,

itemsPerPage

itemsPerPage

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].pager.itemsPerPage$

Description

Sets the items per page. A value of 0 means to show all entrys.

Datatype: Integer **CObject:** NO

pagerConfigs

pagerConfigs



plugin.tx_ptextlist.settings.listConfig.[yourListId].pager.pagerConfigs

Description

Holds an array of all defined pagers

Datatype: Associative array

CObject: NO

Child elements

[yourPagerIdentifier],

[yourPagerIdentifier]

[yourPagerIdentifier]

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].pager.pagerConfigs.[yourPagerIdentifier]

Description

Identifier of a pager **Datatype:** String **CObject:** NO

Variants

default, delta, minimal,

Variants of [yourPagerIdentifier]:

default

default

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].pager.pagerConfigs.[yourPagerIdentifier].default$

Description

Configuration for default pager

CObject: NO

delta

delta



plugin.tx_ptextlist.settings.listConfig.[yourListId].pager.pagerConfigs.[yourPagerIdentifier].delta

Description

Configuration for delta pager. Shows only a configured amount of pagenumbers around the current page.

CObject: NO

minimal

minimal

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].pager.pagerConfigs.[yourPagerIdentifier].minimal

Description

Configuration for minimal pager. Shows only Forward and backward links without the page numbers.

CObject: NO

Child elements

pagerClassName, templatePath,

pagerClassName

pagerClassName

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].pager.pagerConfigs.[yourPagerIdentifier].pagerClassName \\$

Description

Name of the PHP Class of this pager.

Datatype: String **CObject:** NO

Example

pagerClassName = Tx_PtExtlist_Domain_Model_Pager_DefaultPager

templatePath

templatePath



plugin.tx_ptextlist.settings.listConfig.[yourListId].pager.pagerConfigs.[yourPagerIdentifier].templatePath

Description

Name of the template class for this pager.

Datatype: String Path

CObject: NO

Example

templatePath = EXT:pt_extlist/Resources/Private/Templates/Pager/Default.html

filters

filters

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters

Description

Holds all filterbox configurations.

Datatype: Associative array

CObject: NO

Child elements

[yourFilterBoxId],

[yourFilterBoxId]

[yourFilterBoxId]

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId]

Description

CObject: NO

Prototype: plugin.tx_ptextlist.prototype.filterBox

Child elements

showReset, showSubmit, filterConfigs,



showReset

showReset

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].showReset

Description

Show a reset link for all filters of this filterBox.

Datatype: Boolean **Posible values:** 0,1

Default: 1 CObject: NO

showSubmit

showSubmit

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].showSubmit

Description

Show a submit button for this filterBox.

Datatype: Boolean **Posible values:** 0,1

Default: 1 CObject: NO

filterConfigs

filterConfigs

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs$

Description

Holds the configuration of the filters of this filter box.

Datatype: Array

Posible values: 10,20,30...

CObject: NO



Child elements

[yourNumericFilterId],

[yourNumericFilterId]

[yourNumericFilterId]

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId]

Description

CObject: NO

Variants

String, Select, Checkbox, Button, radiobutton, firstletter, tagcloud, Proxy,

Variants of [yourNumericFilterId]:

String

String

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].String

Description

Shows a string filter.

CObject: NO

Prototype: plugin.tx_ptextlist.prototype.filter.string

Example

```
10 < plugin.tx_ptextlist.prototype.filter.string
10 {
  filterIdentifier = firstNameSearch
  label = Firstname
  fieldIdentifier = firstName
}</pre>
```

Child elements

filterIdentifier, label, defaultValue, accessGroups, filterClassName, partialPath, invert, invertable,



filterIdentifier

filterIdentifier

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].String.filterIdentified (a) and the configuration of the con$

Description

The unique identifier of this filter.

Datatype: String CObject: NO

label

label

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].String.label

Description

The label wich is displayed beside the filter.

Datatype: String **CObject:** NO

defaultValue

defaultValue

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].String.defaultValue.filterSoxId].

Description

The default value which is shown or selected by default.

Datatype: String CObject: NO

Example

```
// Selects key 3 as default Value
defaultValue = 3
// Selects multiple values in a multi value filter (3 and 18)
```



```
defaultValue {
  10 = 3
  20 = 18
}

// Selects current user as default in an user select list
defaultValue.cObject = TEXT
defaultValue.cObject.data = TSFE:fe_user|user|username
```

accessGroups

accessGroups

TS-Key:

Description

Comma separated list of user groups wich have access to this filter.

Datatype: Comma eparated list. **Posible values:** TYPO3 Group Ids

CObject: NO

filterClassName

filterClassName

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].String.filterClass

Description

Name of the PHP Class of this filter.

Datatype: String **CObject:** NO

Example

```
Tx_PtExtlist_Domain_Model_Filter_StringFilter
```

partialPath

partialPath

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].String.partialPatl



Description

CObject: NO

invert

invert

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].String.inverting.filterSoxId].f$

Description

Invert the constraint of this filter.

Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO

invertable

invertable

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].String.invertable and the plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].String.invertable and the plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterSoxId].filter$

Description

Show a controle to invert this filter.

Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO

Select

Select

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Select

Description

CObject: NO



Prototype: plugin.tx_ptextlist.prototype.filter.select

Child elements

filterIdentifier, fieldIdentifier, label, partialPath, filterClassName, defaultValue, accessGroups, invert, invertable, displayFields, multiple, excludeFilters, showRowCount, submitOnChange, inactiveOption, inactiveValue, options,

filterIdentifier

filterIdentifier

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Select.filterIdent

Description

The unique identifier of this filter.

Datatype: String **CObject:** NO

fieldIdentifier

fieldIdentifier

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Select.fieldIdentified.filterSourFilterBoxId].filterBoxId].filte$

Description

WARNING: Which one to choose??? Identifier of a defined data field. The filter affects on this data field. If more than on fieldIdentifier is given, the resulting query is linked with or. Either a single identifier of a defined field, a comma separated list of identifiers or '*' to use all defined fields.

Datatype: fieldIdentifier or *

CObject: NO

Example

```
// use a single field
fieldIdentifier = cn_short_local

// use a list of fields
fieldIdentifier = cn_short_local, name_local

// use every defined field
fieldIdentifier = *
```



label

label

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Select.label

Description

The label wich is displayed beside the filter.

Datatype: String **CObject:** NO

partialPath

partialPath

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Select.partialPatanteers.[yourFilterBoxId].filterSourFilterBoxId].filterBoxId].filterSourFilterBoxId].filterSourFilterBoxId].filterSourFilterBoxId].filterSourFilterBoxId].filterSourFilterBoxId].filterBoxId].filterSourFilterBoxId].filterBox$

Description

CObject: NO

filterClassName

filterClassName

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Select.filterClass

Description

Name of the PHP Class of this filter.

Datatype: String **CObject:** NO

Example

Tx_PtExtlist_Domain_Model_Filter_StringFilter

defaultValue

defaultValue



plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Select.defaultVa

Description

The default value which is shown or selected by default.

Datatype: String **CObject:** NO

Example

```
// Selects key 3 as default Value
defaultValue = 3

// Selects multiple values in a multi value filter (3 and 18)
defaultValue {
   10 = 3
   20 = 18
}

// Selects current user as default in an user select list
defaultValue.cObject = TEXT
defaultValue.cObject.data = TSFE:fe_user|user|username
```

accessGroups

accessGroups

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Select.accessGrand and the configuration of the configuratio$

Description

Comma separated list of user groups wich have access to this filter.

Datatype: Comma eparated list. **Posible values:** TYPO3 Group Ids

CObject: NO

invert

invert

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Select.invertings.listConfigs.[yourNumericFilterId].filters.[yourFilterBoxId].filterSourFilterBoxId].filterBoxId].filterSourFilterBoxId].fi$



Description

Invert the constraint of this filter.

Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO

invertable

invertable

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Select.invertables.plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Select.invertables.plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterS$

Description

Show a controle to invert this filter.

Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO

displayFields

displayFields

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Select.displayFideliterSoxId].filterSoxId].f$

Description

One or multiple identifiers of previously defined data fields.

Datatype: String / Comma separated list

Posible values: Previously defined field indentifier.

Default: If not set, the field defined in fieldIdentifier is used.

CObject: NO

multiple

multiple

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Select.multiple



Description

Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO

excludeFilters

excludeFilters

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Select.excludeFilterBoxId].filterSummericFilterId].$

Description

List of filters that are not considered for the group query of this filter.

Datatype: String / Comma separated list of filterIdentifiers.

CObject: NO

showRowCount

showRowCount

TS-Key:

Description

Show the rowcount if the select filter is filled with grouped data.

Datatype: Boolean **Posible values:** 0,1

Default: 1 CObject: NO

submitOnChange

submitOnChange

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Select.submitOn

Description

Instant submit filter if a value is selected.



Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO

inactiveOption

inactiveOption

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Select.inactiveO

Description

Label of an option that is added to the select list. If this option is selected, the filter is inactive.

Datatype: String **CObject:** NO

inactiveValue

inactiveValue

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Select.inactiveValue.

Description

The submitted value for the inactiveOption described above.

Datatype: String **CObject:** NO

options

options

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Select.options

Description

Defines explicit options to display in a data filter. If options are set, no data is fetched from the database.

There are to variants to define the data. See the example for details.

Datatype: array **CObject:** NO



Example

```
# There are two variants to define the data

# Variant 1: Simple key / value
options {
  checkedin = Someone Checked in
  noonecheckedin = Noone Checked In
}

# Variant 2: Use integer keys to define option order and subKeys key / value to define the
  options
10 {
    key = 1
    value = LLL:EXT:my_ext/locallang.xml:theLabelOfTheOption
}

20 {
    ...
}
```

Checkbox

Checkbox

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Checkbox

Description

CObject: NO

Prototype: plugin.tx_ptextlist.prototype.filter.checkbox

Child elements

filterIdentifier, fieldIdentifier, label, partialPath, filterClassName, defaultValue, accessGroups, invert, invertable, displayFields, multiple, excludeFilters, showRowCount, submitOnChange, inactiveOption, inactiveValue, options,

filterIdentifier

filterIdentifier

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Checkbox.filterId

Description

The unique identifier of this filter.



Datatype: String CObject: NO

fieldIdentifier

fieldIdentifier

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Checkbox.fieldIctions.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Checkbox.fieldIctions.[yourFilterBoxId].filterSoxId$

Description

WARNING: Which one to choose??? Identifier of a defined data field. The filter affects on this data field. If more than on fieldIdentifier is given, the resulting query is linked with or. Either a single identifier of a defined field, a comma separated list of identifiers or '*' to use all defined fields.

Datatype: fieldIdentifier or *

CObject: NO

Example

```
// use a single field
fieldIdentifier = cn_short_local

// use a list of fields
fieldIdentifier = cn_short_local, name_local

// use every defined field
fieldIdentifier = *
```

label

label

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Checkbox.label

Description

The label wich is displayed beside the filter.

Datatype: String **CObject:** NO

partialPath

partialPath



plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Checkbox.partia

Description

CObject: NO

filterClassName

filterClassName

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Checkbox.filterConfigs.[yourNumericFilter

Description

Name of the PHP Class of this filter.

Datatype: String **CObject:** NO

Example

```
Tx_PtExtlist_Domain_Model_Filter_StringFilter
```

defaultValue

defaultValue

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Checkbox.default.configs.[yourNumericFilterId].Checkbox.default.configs.[yourNumericFilterId].Checkbox.default.configs.[yourNumericFilterId].Checkbox.default.configs.[yourNumericFilterId].Checkbox.default.configs.[yourNumericFilterId].Checkbox.default.configs.[yourNumericFilterId].Checkbox.default.configs.[yourNumericFilterId].Checkbox.default.configs.[yourNumericFilterId].Checkbox.default.configs.[yourNumericFilterId].Checkbox.default.configs.[yourNumericFilterId].Checkbox.default.configs.[yourNumericFilterId].Checkbox.default.configs.[yourNumericFilterId].Checkbox.default.configs.[yourNumericFilterId].Checkbox.default.configs.[yourNumericFilterId].Checkbox.default.configs.[yourNumericFilterId].Checkbox.default.configs.[yourNumericFilterId].Checkbox.default.configs.[yourNumericFilterId].checkbox.default.configs.[yourNumericFilterId].checkbox.default.configs.[yourNumericFilterId].checkbox.default.configs.[yourNumericFilterId].checkbox.default.configs.[yourNumericFilterId].checkbox.default.configs.[yourNumericFilterId].checkbox.default.configs.[yourNumericFilterId].checkbox.default.configs.[yourNumericFilterId].checkbox.default.configs.[yourNumericFilterId].checkbox.default.checkb$

Description

The default value which is shown or selected by default.

Datatype: String **CObject:** NO

Example

```
// Selects key 3 as default Value
defaultValue = 3

// Selects multiple values in a multi value filter (3 and 18)
defaultValue {
  10 = 3
  20 = 18
```



```
// Selects current user as default in an user select list
defaultValue.cObject = TEXT
defaultValue.cObject.data = TSFE:fe_user|user|username
```

accessGroups

accessGroups

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Checkbox.accessing.filterSoxId]$

Description

Comma separated list of user groups wich have access to this filter.

Datatype: Comma eparated list. **Posible values:** TYPO3 Group Ids

CObject: NO

invert

invert

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Checkbox.invert

Description

Invert the constraint of this filter.

Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO

invertable

invertable

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Checkbox.invert

Description

Show a controle to invert this filter.



Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO

displayFields

displayFields

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Checkbox.displace.filterSoxId].$

Description

One or multiple identifiers of previously defined data fields.

Datatype: String / Comma separated list

Posible values: Previously defined field indentifier.

Default: If not set, the field defined in fieldIdentifier is used.

CObject: NO

multiple

multiple

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Checkbox.multip

Description

Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO

excludeFilters

excludeFilters

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Checkbox.excludes a configuration of the configuration of the

Description

List of filters that are not considered for the group query of this filter.



Datatype: String / Comma separated list of filterIdentifiers.

CObject: NO

showRowCount

showRowCount

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Checkbox.showledges.filterSoxId].filterSoxId$

Description

Show the rowcount if the select filter is filled with grouped data.

Datatype: Boolean **Posible values:** 0,1

Default: 1 CObject: NO

submitOnChange

submitOnChange

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Checkbox.submitterPoxId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Checkbox.submitterPoxId].filters.[yourFilterBoxId].filterSoxI$

Description

Instant submit filter if a value is selected.

Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO

inactiveOption

inactiveOption

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Checkbox.inactive.com/linearics/filters/filters/f

Description

Label of an option that is added to the select list. If this option is selected, the filter is inactive.

Datatype: String



CObject: NO

inactiveValue

inactiveValue

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Checkbox.inactive.com/linearics/listConfigs.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Checkbox.inactive.com/listConfigs.[yourNumericFilterId].Checkbox.inactive.com/listConfigs.[yourNumericFilterId].Checkbox.inactive.com/listConfigs.[yourNumericFilterId].Checkbox.inactive.com/listConfigs.[yourNumericFilterId].Checkbox.inactive.com/listConfigs.[yourNumericFilterId].Checkbox.inactive.com/listConfigs.[yourNumericFilterId].Checkbox.inactive.com/listConfigs.[yourNumericFilterId].Checkbox.inactive.com/listConfigs.[yourNumericFilterId].Checkbox.inactive.com/listConfigs.[yourNumericFilterId].Checkbox.inactive.com/listConfigs.[yourNumericFilterId].Checkbox.inactive.com/listConfigs.[yourNumericFilterId].Checkbox.inactive.com/listConfigs.[yourNumericFilterId].Checkbox.inactive.com/listConfigs.[yourNumericFilterId].Checkbox.inactive.com/listConfigs.[yourNumericFilterId].Checkbox.inactive.com/listConfigs.[yourNumericFilterId].Checkbox.inactive.com/listConfigs.[yourNumericFilterId].Checkbox.[yourNum

Description

The submitted value for the inactiveOption described above.

Datatype: String **CObject:** NO

options

options

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Checkbox.option(config.).filterSourFilterBoxId].filterBoxId].filterBox$

Description

Defines explicit options to display in a data filter. If options are set, no data is fetched from the database.

There are to variants to define the data. See the example for details.

Datatype: array **CObject:** NO

Example

```
# There are two variants to define the data

# Variant 1: Simple key / value
options {
    checkedin = Someone Checked in
    noonecheckedin = Noone Checked In
}

# Variant 2: Use integer keys to define option order and subKeys key / value to define the
    options
10 {
        key = 1
        value = LLL:EXT:my_ext/locallang.xml:theLabelOfTheOption
}

20 {
        ...
}
```



Button

Button

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Button

Description

Renders a filter with buttons.

CObject: NO

Prototype: plugin.tx_ptextlist.prototype.filter.button

Child elements

filterIdentifier, fieldIdentifier, label, partialPath, filterClassName, defaultValue, accessGroups, invert, invertable, displayFields, excludeFilters, showRowCount, submitOnChange, inactiveOption, inactiveValue, options,

filterIdentifier

filterIdentifier

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Button.filterIdent

Description

The unique identifier of this filter.

Datatype: String **CObject:** NO

fieldIdentifier

fieldIdentifier

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Button.fieldIdent

Description

WARNING: Which one to choose??? Identifier of a defined data field. The filter affects on this data field. If more than on fieldIdentifier is given, the resulting query is linked with or. Either a single identifier of a defined field, a comma separated list of identifiers or '*' to use all defined fields.

Datatype: fieldIdentifier or *

CObject: NO



Example

```
// use a single field
fieldIdentifier = cn_short_local

// use a list of fields
fieldIdentifier = cn_short_local, name_local

// use every defined field
fieldIdentifier = *
```

label

label

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Button.label

Description

The label wich is displayed beside the filter.

Datatype: String **CObject:** NO

partialPath

partialPath

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Button.partialPartia

Description

CObject: NO

filterClassName

filterClassName

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Button.filterClass

Description

Name of the PHP Class of this filter.

Datatype: String



CObject: NO

Example

```
Tx_PtExtlist_Domain_Model_Filter_StringFilter
```

defaultValue

defaultValue

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Button.defaultVa

Description

The default value which is shown or selected by default.

Datatype: String **CObject:** NO

Example

```
// Selects key 3 as default Value
defaultValue = 3

// Selects multiple values in a multi value filter (3 and 18)
defaultValue {
  10 = 3
   20 = 18
}

// Selects current user as default in an user select list
defaultValue.cObject = TEXT
defaultValue.cObject.data = TSFE:fe_user|user|username
```

accessGroups

accessGroups

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Button.accessGi

Description

Comma separated list of user groups wich have access to this filter.

Datatype: Comma eparated list. **Posible values:** TYPO3 Group Ids



CObject: NO

invert

invert

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Button.invert

Description

Invert the constraint of this filter.

Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO

invertable

invertable

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Button.invertable(invertextlist).filterSoxId].filterSoxId$

Description

Show a controle to invert this filter.

Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO

displayFields

displayFields

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Button.displayFiderBoxId].filterConfigs.[yourNumericFilterId].Button.displayFiderBoxId].filterConfigs.[yourNumericFilterId].Button.displayFiderBoxId].filterConfigs.[yourNumericFilterId].Button.displayFiderBoxId].filterConfigs.[yourNumericFilterId].Button.displayFiderBoxId].filterConfigs.[yourNumericFilterId].Button.displayFiderBoxId].filterConfigs.[yourNumericFilterId].Button.displayFiderBoxId].filterConfigs.[yourNumericFilterId].Button.displayFiderBoxId].filterConfigs.[yourNumericFilterId].Button.displayFiderBoxId].filterConfigs.[yourNumericFilterId].Button.displayFiderBoxId].filterConfigs.[yourNumericFilterId].Button.displayFiderBoxId].filterConfigs.[yourNumericFilterId].Button.displayFiderBoxId].filterConfigs.[yourNumericFilterId].Button.displayFiderBoxId].filterConfigs.[yourNumericFilterId].Button.displayFiderBoxId].filterConfigs.[yourNumericFilterBoxId].filterSoxId].filterSoxId[yourNumericFilterBoxId].fil

Description

One or multiple identifiers of previously defined data fields.

Datatype: String / Comma separated list

Posible values: Previously defined field indentifier.



Default: If not set, the field defined in fieldIdentifier is used.

CObject: NO

excludeFilters

excludeFilters

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Button.excludeFilterBoxId].filterSoxId].filt$

Description

List of filters that are not considered for the group query of this filter.

Datatype: String / Comma separated list of filterIdentifiers.

CObject: NO

showRowCount

showRowCount

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Button.showRow

Description

Show the rowcount if the select filter is filled with grouped data.

Datatype: Boolean **Posible values:** 0,1

Default: 1 CObject: NO

submitOnChange

submitOnChange

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Button.submitOr

Description

Instant submit filter if a value is selected.

Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO



inactiveOption

inactiveOption

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Button.inactiveOutput.filterSoxId].filterSox$

Description

Label of an option that is added to the select list. If this option is selected, the filter is inactive.

Datatype: String **CObject:** NO

inactiveValue

inactiveValue

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Button.inactiveV

Description

The submitted value for the inactiveOption described above.

Datatype: String **CObject:** NO

options

options

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Button.options

Description

Defines explicit options to display in a data filter. If options are set, no data is fetched from the database.

There are to variants to define the data. See the example for details.

Datatype: array **CObject:** NO

Example

There are two variants to define the data

Variant 1: Simple key / value



```
options {
  checkedin = Someone Checked in
  noonecheckedin = Noone Checked In
}
# Variant 2: Use integer keys to define option order and subKeys key / value to define the
  options
10 {
    key = 1
    value = LLL:EXT:my_ext/locallang.xml:theLabelOfTheOption
}
20 {
    ...
}
```

radiobutton

radiobutton

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton

Description

CObject: NO

Prototype: plugin.tx_ptextlist.prototype.filter.checkbox

Child elements

filterIdentifier, fieldIdentifier, label, partialPath, filterClassName, defaultValue, accessGroups, invert, invertable, displayFields, multiple, excludeFilters, showRowCount, submitOnChange, inactiveOption, inactiveValue, options,

filterIdentifier

filterIdentifier

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton.filter

Description

The unique identifier of this filter.

Datatype: String **CObject:** NO

fieldIdentifier

fieldIdentifier



TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton.field

Description

WARNING: Which one to choose??? Identifier of a defined data field. The filter affects on this data field. If more than on fieldIdentifier is given, the resulting query is linked with or. Either a single identifier of a defined field, a comma separated list of identifiers or '*' to use all defined fields.

Datatype: fieldIdentifier or *

CObject: NO

Example

```
// use a single field
fieldIdentifier = cn_short_local

// use a list of fields
fieldIdentifier = cn_short_local, name_local

// use every defined field
fieldIdentifier = *
```

label

label

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton.label{listConfigs} and the plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterSoxId].filt$

Description

The label wich is displayed beside the filter.

Datatype: String **CObject:** NO

partialPath

partialPath

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton.parti

Description



CObject: NO

filterClassName

filterClassName

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton.filter

Description

Name of the PHP Class of this filter.

Datatype: String **CObject:** NO

Example

```
Tx_PtExtlist_Domain_Model_Filter_StringFilter
```

defaultValue

defaultValue

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton.defaction.fig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton.defaction.fig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton.defaction.fig.[yourListId].filters.[yourFilterBoxId].filterSoxId$

Description

The default value which is shown or selected by default.

Datatype: String **CObject:** NO

Example

```
// Selects key 3 as default Value
defaultValue = 3

// Selects multiple values in a multi value filter (3 and 18)
defaultValue {
   10 = 3
   20 = 18
}

// Selects current user as default in an user select list
defaultValue.cObject = TEXT
defaultValue.cObject.data = TSFE:fe_user|user|username
```



accessGroups

accessGroups

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton.acce

Description

Comma separated list of user groups wich have access to this filter.

Datatype: Comma eparated list. **Posible values:** TYPO3 Group Ids

CObject: NO

invert

invert

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton.inversion.filterSoxId].filterSox$

Description

Invert the constraint of this filter.

Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO

invertable

invertable

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton.inversity.

Description

Show a controle to invert this filter.

Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO



displayFields

displayFields

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton.displace.

Description

One or multiple identifiers of previously defined data fields.

Datatype: String / Comma separated list

Posible values: Previously defined field indentifier.

Default: If not set, the field defined in fieldIdentifier is used.

CObject: NO

multiple

multiple

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton.mult

Description

Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO

excludeFilters

excludeFilters

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton.exclusion

Description

List of filters that are not considered for the group query of this filter.

Datatype: String / Comma separated list of filterIdentifiers.

CObject: NO

showRowCount

showRowCount



TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton.showline the plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton.showline the plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton.showline the plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterSoxId$

Description

Show the rowcount if the select filter is filled with grouped data.

Datatype: Boolean **Posible values:** 0,1

Default: 1 CObject: NO

submitOnChange

submitOnChange

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton.subr

Description

Instant submit filter if a value is selected.

Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO

inactiveOption

inactiveOption

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton.inac

Description

Label of an option that is added to the select list. If this option is selected, the filter is inactive.

Datatype: String **CObject:** NO

inactiveValue

inactiveValue

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton.inac



Description

The submitted value for the inactiveOption described above.

Datatype: String **CObject:** NO

options

options

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].radiobutton.optic

Description

Defines explicit options to display in a data filter. If options are set, no data is fetched from the database. There are to variants to define the data. See the example for details.

Datatype: array **CObject:** NO

Example

```
# There are two variants to define the data

# Variant 1: Simple key / value
options {
  checkedin = Someone Checked in
  noonecheckedin = Noone Checked In
}

# Variant 2: Use integer keys to define option order and subKeys key / value to define the
  options
10 {
    key = 1
    value = LLL:EXT:my_ext/locallang.xml:theLabelOfTheOption
}

20 {
    ...
}
```

firstletter

firstletter

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter

Description



CObject: NO

Prototype: plugin.tx_ptextlist.prototype.filter.firstletter

Child elements

filterIdentifier, fieldIdentifier, label, partialPath, filterClassName, defaultValue, accessGroups, invert, invertable, displayFields, excludeFilters, showRowCount, inactiveOption, inactiveValue,

filterIdentifier

filterIdentifier

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.filterIde

Description

The unique identifier of this filter.

Datatype: String **CObject:** NO

fieldIdentifier

fieldIdentifier

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.fieldIdentifield.filterSourFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.fieldIdentifield.filterSourFilterBoxId].filterBoxId].filterBoxId].filterSourFilterBoxId].filter$

Description

WARNING: Which one to choose??? Identifier of a defined data field. The filter affects on this data field. If more than on fieldIdentifier is given, the resulting query is linked with or. Either a single identifier of a defined field, a comma separated list of identifiers or '*' to use all defined fields.

Datatype: fieldIdentifier or *

CObject: NO

Example

```
// use a single field
fieldIdentifier = cn_short_local

// use a list of fields
fieldIdentifier = cn_short_local, name_local

// use every defined field
fieldIdentifier = *
```



label

label

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.label

Description

The label wich is displayed beside the filter.

Datatype: String **CObject:** NO

partialPath

partialPath

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.partialFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.partialFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.partialFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.partialFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.partialFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.partialFilterBoxId].filterConfigs.[yourNumericFilterId].filterSoxId].fi

Description

CObject: NO

filterClassName

filterClassName

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.filterClassification (and the configuration of the

Description

Name of the PHP Class of this filter.

Datatype: String **CObject:** NO

Example

Tx_PtExtlist_Domain_Model_Filter_StringFilter

defaultValue

defaultValue



TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.default

Description

The default value which is shown or selected by default.

Datatype: String **CObject:** NO

Example

```
// Selects key 3 as default Value
defaultValue = 3

// Selects multiple values in a multi value filter (3 and 18)
defaultValue {
   10 = 3
   20 = 18
}

// Selects current user as default in an user select list
defaultValue.cObject = TEXT
defaultValue.cObject.data = TSFE:fe_user|user|username
```

accessGroups

accessGroups

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.access

Description

Comma separated list of user groups wich have access to this filter.

Datatype: Comma eparated list. **Posible values:** TYPO3 Group Ids

CObject: NO

invert

invert

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.invert



Description

Invert the constraint of this filter.

Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO

invertable

invertable

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.invertallist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.invertallist.settings.listConfigs.[yourListId].filters.[yourFilterBoxId].filterSo$

Description

Show a controle to invert this filter.

Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO

displayFields

displayFields

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.display.filterSoxId].filterSoxId$

Description

One or multiple identifiers of previously defined data fields.

Datatype: String / Comma separated list

Posible values: Previously defined field indentifier.

Default: If not set, the field defined in fieldIdentifier is used.

CObject: NO

excludeFilters

excludeFilters

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.exclude



Description

List of filters that are not considered for the group query of this filter.

Datatype: String / Comma separated list of filterIdentifiers.

CObject: NO

showRowCount

showRowCount

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.showRight (a) and the plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.showRight (a) and the plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterSoxId].fil$

Description

Show the rowcount if the select filter is filled with grouped data.

Datatype: Boolean **Posible values:** 0,1

Default: 1 CObject: NO

inactiveOption

inactiveOption

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.inactives.filterSoxId].filterSox$

Description

Label of an option that is added to the select list. If this option is selected, the filter is inactive.

Datatype: String CObject: NO

inactiveValue

inactiveValue

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].firstletter.inactive

Description

The submitted value for the inactiveOption described above.

Datatype: String **CObject:** NO



tagcloud

tagcloud

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud

Description

CObject: NO

Prototype: plugin.tx_ptextlist.prototype.filter.tagcloud

Child elements

filterIdentifier, fieldIdentifier, label, partialPath, filterClassName, defaultValue, accessGroups, invert, invertable, displayFields, excludeFilters, inactiveOption, inactiveValue, maxItems, minColor, maxColor, minSize, maxSize,

filterIdentifier

filterIdentifier

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.filterIde

Description

The unique identifier of this filter.

Datatype: String **CObject:** NO

fieldIdentifier

fieldIdentifier

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.fieldIde

Description

WARNING: Which one to choose??? Identifier of a defined data field. The filter affects on this data field. If more than on fieldIdentifier is given, the resulting query is linked with or. Either a single identifier of a defined field, a comma separated list of identifiers or '*' to use all defined fields.

Datatype: fieldIdentifier or *

CObject: NO



Example

```
// use a single field
fieldIdentifier = cn_short_local

// use a list of fields
fieldIdentifier = cn_short_local, name_local

// use every defined field
fieldIdentifier = *
```

label

label

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.label

Description

The label wich is displayed beside the filter.

Datatype: String **CObject:** NO

partialPath

partialPath

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.partialFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.partialFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.partialFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.partialFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.partialFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.partialFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.partialFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.partialFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.partialFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.partialFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.partialFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.partialFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.partialFilterBoxId].filterSoxId].filterSoxId].filterBoxId].filterSoxId].fi$

Description

CObject: NO

filterClassName

filterClassName

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.filterClassifications.

Description

Name of the PHP Class of this filter.

Datatype: String



CObject: NO

Example

```
Tx_PtExtlist_Domain_Model_Filter_StringFilter
```

defaultValue

defaultValue

TS-Key:

Description

The default value which is shown or selected by default.

Datatype: String **CObject:** NO

Example

```
// Selects key 3 as default Value
defaultValue = 3

// Selects multiple values in a multi value filter (3 and 18)
defaultValue {
  10 = 3
   20 = 18
}

// Selects current user as default in an user select list
defaultValue.cObject = TEXT
defaultValue.cObject.data = TSFE:fe_user|user|username
```

accessGroups

accessGroups

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.access

Description

Comma separated list of user groups wich have access to this filter.

Datatype: Comma eparated list. **Posible values:** TYPO3 Group Ids

CObject: NO



invert

invert

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.invert

Description

Invert the constraint of this filter.

Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO

invertable

invertable

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.invertalligent (a.g., and all the configurations) and the configuration of the configuration$

Description

Show a controle to invert this filter.

Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO

displayFields

displayFields

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.display

Description

One or multiple identifiers of previously defined data fields.

Datatype: String / Comma separated list

Posible values: Previously defined field indentifier.

Default: If not set, the field defined in fieldIdentifier is used.

CObject: NO



excludeFilters

excludeFilters

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.excludes a configuration of the configuration of th$

Description

List of filters that are not considered for the group query of this filter.

Datatype: String / Comma separated list of filterIdentifiers.

CObject: NO

inactiveOption

inactiveOption

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.inactive

Description

Label of an option that is added to the select list. If this option is selected, the filter is inactive.

Datatype: String **CObject:** NO

inactiveValue

inactiveValue

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.inactive

Description

The submitted value for the inactiveOption described above.

Datatype: String **CObject:** NO

maxItems

maxItems

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.maxIter



Description

Maximum of items tos show.

Datatype: Int CObject: NO

minColor

minColor

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.minCol

Description

Minimum Color **Datatype:** Int **CObject:** NO

Example

minColor = #1c448d

maxColor

maxColor

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.maxConfigs.[yourNumericFilterI$

Description

Maximum Color **Datatype:** Int **CObject:** NO

Example

maxColor = #b8cffa

minSize

minSize

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.minSize



Description

Minimum size of tags in pixel.

Datatype: Int CObject: NO

maxSize

maxSize

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.maxSizuckline for the plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.maxSizuckline for the plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].tagcloud.maxSizuckline for the plugin.tx_ptextlist.settings.listConfigs.[yourNumericFilterId].tagcloud.maxSizuckline for the plugin.tx_ptextlist.settings.listConfigs.[yourNumericFilterId].tagcloud.maxSizuckline for the plugin.tx_ptextlist.settings.listConfigs.[yourNumericFilterId].tagcloud.maxSizuckline for the plugin.tx_ptextlist for the plugin.tx_ptextlist.settings.listConfigs.[yourNumericFilterId].tagcloud.maxSizuckline for the plugin.tx_ptextlist for th$

Description

Maximum size of tags in pixel

Datatype: Int CObject: NO

Proxy

Proxy

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Proxy$

Description

A proxy filter is not displayed. It uses a filter from an other list defined by the proxy path and sets the result constraint to the given field.

CObject: NO

Prototype: plugin.tx_ptextlist.prototype.filter.proxy

Child elements

proxyPath,

proxyPath

proxyPath

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].Proxy.proxyPath

Description

Path to a filter from an other list. The path has the format [listId].[filterBoxId].[filterId]



Datatype: String **CObject:** NO

Child elements

filterIdentifier, defaultValue, label, accessGroups, filterClassName, partialPath, invert, filter.breadCrumbString, size, maxLength,

filterIdentifier

filterIdentifier

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].filterIdentifier.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].filterIdentifier.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].filterIdentifier.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].filterIdentifier.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].filterIdentifier.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].filterIdentifier.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].filterIdentifier.[yourFilterBoxId$

Description

The unique identifier of this filter.

Datatype: String **CObject:** NO

defaultValue

defaultValue

TS-Key:

plugin.tx ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].defaultValue

Description

The default value which is shown or selected by default.

Datatype: String **CObject:** NO

Example

```
// Selects key 3 as default Value
defaultValue = 3

// Selects multiple values in a multi value filter (3 and 18)
defaultValue {
   10 = 3
   20 = 18
}

// Selects current user as default in an user select list
defaultValue.cObject = TEXT
defaultValue.cObject.data = TSFE:fe_user | user | username
```



label

label

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].label

Description

The label wich is displayed beside the filter.

Datatype: String **CObject:** NO

accessGroups

accessGroups

TS-Key:

 $plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].accessGroups.generated and the plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.generated and the plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.generated and the plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.generated and the plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.generated and the plugin.tx_ptextlist.settings.generated and the plugin.tx_ptextlist.settings.ge$

Description

Comma separated list of user groups wich have access to this filter.

Datatype: Comma eparated list. **Posible values:** TYPO3 Group Ids

CObject: NO

filterClassName

filterClassName

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].filterClassName

Description

Name of the PHP Class of this filter.

Datatype: String **CObject:** NO

Example

Tx_PtExtlist_Domain_Model_Filter_StringFilter



partialPath

partialPath

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].partialPath

Description

CObject: NO

invert

invert

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].invert

Description

Invert the constraint of this filter.

Datatype: Boolean **Posible values:** 0,1

Default: 0 CObject: NO

size

size

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].size

Description

Define the size of the string field.

Datatype: int CObject: NO

maxLength

maxLength

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].filters.[yourFilterBoxId].filterConfigs.[yourNumericFilterId].maxLength



Description

Define the maximum length of the string field.

Datatype: int **CObject:** NO

headerPartial

headerPartial

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].headerPartial

Description

Path to the header partial.

Datatype: String **CObject:** NO

Example

```
// Fluid style. Relative to pt_extlist/Resources/Private/Partials/
// points to pt_extlist/Resources/Private/Partials/List/SpecialPartial.html
headerPartial = List/SpecialPartial

// Extension relative path
headerPartial = EXT:pt_extlist_special/Resources/Private/Partials/SpecialPartial.html
```

bodyPartial

bodyPartial

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].bodyPartial

Description

Path to the body partial.

Datatype: String **CObject:** NO

Example

```
// Fluid style. Relative to pt_extlist/Resources/Private/Partials/
// points to pt_extlist/Resources/Private/Partials/List/SpecialPartial.html
bodyPartial = List/SpecialPartial
```



```
// Extension relative path
bodyPartial = EXT:pt_extlist_special/Resources/Private/Partials/SpecialPartial.html
```

agregateRowsPartial

agregateRowsPartial

TS-Key:

plugin.tx_ptextlist.settings.listConfig.[yourListId].agregateRowsPartial

Description

Path to the aggregate row partial.

Datatype: String **CObject:** NO

Example

```
// Fluid style. Relative to pt_extlist/Resources/Private/Partials/
// points to pt_extlist/Resources/Private/Partials/List/SpecialPartial.html
agregateRowsPartial = List/SpecialPartial

// Extension relative path
agregateRowsPartial = EXT:pt_extlist_special/Resources/Private/Partials/SpecialPartial.html
```



Chapter 7. Developer Guide

1. Extending pt_extlist

This chapter is mainly for developing and extending pt_extlist.

1.1. RenderChain

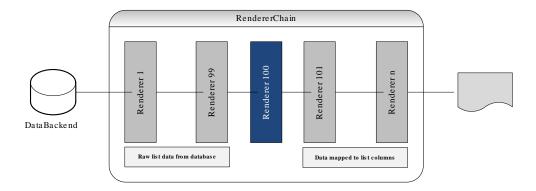


Figure 7.1. RenderChain