

# pt\_extlist

documentation

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## 1. About the document

This is the first part of every documentation followed by "Reading this".

**Table 1. Information about the document**

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## 2. Reading this

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. (write more!)

What is the author's intention?

## **3. Setup.txt**

The setup-file includes typoscripts. The included scripts are demolist with which you can develop pt\_extlist further.

A Demolist from static countries with typo3 backend and some filters.

### **3.1. Demolist\_MySql\_01**

This template configures a demolist for use with pt\_extlist.

### **3.2. Demolist\_Typo3\_01**

This template configures a demolist for use with pt\_extlist.

### **3.3. Demolist\_Typo3\_02**

This template configures a demolist for use with pt\_extlist.

### **3.4. Demolist\_Extbase\_01**

This template configures a demolist for use with pt\_extlist for rendering ExtBase Domain objects.

### **3.5. Demolist\_Extbase\_02**

This template configures a demolist for use with pt\_extlist for rendering ExtBase Domain objects.

## 4. Write the title action-orientated according to the target group.

If you want to make the user to do something use this section . Write a short introduction or if necessary a short summary for long instructions. A sentence mustn't be longer than 25 words. Use the same words for the same meaning, be consistent. Use as less specialist terms as possible according to the target group. An instruction can be linked to an example. If you need figures, use a caption. Observe the chronology.

1. Write one step each sentence, at least one predicat and one object. Use the imperative. Use the formal term of address somebody. Avoid passive formulation.
  - Write an alternative, at least one predicat and one object. Use the imperative. Use the formal term of address somebody .Avoid passive formulation.
2. Write one step each sentence, at least one predicat and one object. Use the imperative. Use the formal term of address somebody. Avoid passive formulation.



### Caution

If there is a danger for human beings (element warning), you can use "do not...". If there is a danger for the product use a positive formulation. If there is a condition, use the term "when" at the beginning of the sentence.

3. Write one step each sentence, at least one predicat and one object. Use the imperative. Use the formal term of address somebody. Avoid passive formulation.  
--> Write a an interim result. E.g.:Dialog box opens.
4. Write one step each sentence, at least one predicat and one object. Use the imperative. Use the formal term of address somebody. Avoid passive formulation.  
=> Write a result.E.g.:You installed program xy.
1. Write one step each sentence, at least one predicat and one object. Use the imperative. Use the formal term of address somebody. Avoid passive formulation.
2. Write one step each sentence, at least one predicat and one object. Use the imperative. Use the formal term of address somebody. Avoid passive formulation.



### Warning

If there is a danger for human beings (element warning), you can use "Do not...".

- Write an alternative, at least one predicat and one object. Use the imperative. Use the formal term of address somebody .Avoid passive formulation.
1. Write one step each sentence, at least one predicat and one object. Use the imperative. Use the formal term of address somebody. Avoid passive formulation.
  2. Write one step each sentence, at least one predicat and one object. Use the imperative. Use the formal term of address somebody. Avoid passive formulation.
    - Write an alternative, at least one predicat and one object. Use the imperative. Use the formal term of address somebody .Avoid passive formulation.

### 4.1. Add subsections, if necessary.

## 5. example

### Example 1.

If you want to illustrate a subject, use this section. This section can be preceded by an instruction or description. Figures are permitted.

Write here your code.

## 6. pt\_extlist

TypoSript Reference



## Name

### **plugin.tx\_ptextlist.settings**

plugin.tx\_ptextlist.settings

## Description

Main TS-key for all pt\_extlist settings.

Datatype

Possible Values

Default

StdWrap

Prototype

## Example

---

## Child elements

listConfig,

## Children of plugin.tx\_ptextlist.settings:

## Name

## listConfig

listConfig

### Description

Holds configuration for all list identifiers configured by array key.

Datatype

Associative Array (listIdentifier => listConfiguration)

Possible Values

Default

StdWrap

Prototype

### Example

---

### Child elements

[yourListId],

**Children of listConfig:**

## Name

### [yourListId]

[yourListId]

#### Description

Holds configuration for a single list identifier

Datatype

Possible Values

Default

StdWrap

Prototype

#### Example

```
here comes some sample code
```

#### Child elements

default, backendConfig, fields, columns, rendererChain, aggregateData, aggregateRows, filters, headerPartial, bodyPartial, aggregateRowsPartial,

#### Children of [yourListId]:

## Name

## default

default

### Description

List default values.

Datatype

Possible Values

Default

StdWrap

Prototype

### Example

---

#### Child elements

sortingColumn,

**Children of default:**

## Name

## sortingColumn

sortingColumn

### Description

The default sorting column while no other sorting ist set.

Datatype

String

Possible Values

Any column identifier

Default

StdWrap

Prototype

### Example

---

## Name

## backendConfig

backendConfig

### Description

Holds the configuration for the used data backend.

Datatype

Possible Values

Default

StdWrap

Prototype

### Example

---

## Name

## fields

fields

### Description

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

Datatype

Associative array

Possible Values

Default

StdWrap

0

Prototype

### Example

---

#### Child elements

[yourFieldId],

**Children of fields:**

## Name

### [yourFieldId]

[yourFieldId]

#### Description

Named definition of a single data field.

Datatype

String

Possible Values

Default

StdWrap

Prototype

#### Example

```
name_local {  
  table = static_countries  
  field = cn_short_local  
  isSortable = 1  
}
```

#### Child elements

table, field, special, isSortable, expandGroupRows,

#### Children of [yourFieldId]:



## Name

## table

table

### Description

Datatype

Possible Values

Default

StdWrap

0

Prototype

### Example

---

**Name**

**field**

field

**Description**

Datatype

Possible Values

Default

StdWrap

0

Prototype

**Example**

---

## Name

### special

special

#### Description

Insert a individual SQL snippet.

Datatype

Possible Values

Default

StdWrap

0

Prototype

#### Example

---

## Name

## isSortable

isSortable

### Description

Datatype

Possible Values

Default

StdWrap

0

Prototype

### Example

---

## Name

## expandGroupRows

expandGroupRows

### Description

Datatype

Possible Values

Default

StdWrap

0

Prototype

### Example

---

## Name

## columns

columns

### Description

Holds the tables column definitions.

Datatype

Array

Possible Values

Default

StdWrap

0

Prototype

### Example

---

### Child elements

10,20,30,

Children of columns:

## Name

### 10,20,30

10,20,30

#### Description

Datatype

Possible Values

Default

StdWrap

Prototype

#### Example

---

#### Child elements

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

**Children of 10,20,30:**

## Name

## fieldIdentifier

fieldIdentifier

### Description

Datatype

Possible Values

Default

StdWrap

0

Prototype

### Example

---



## Name

## label

label

### Description

A label for this element.

Datatype

String

Possible Values

Default

StdWrap

1

Prototype

### Example

---

## Name

### renderUserFunctions

renderUserFunctions

#### Description

A list of userfunctions to render the field value.

Datatype

Possible Values

Default

StdWrap

0

Prototype

#### Example

---

## Name

## renderTemplate

renderTemplate

### Description

Datatype

Possible Values

Default

StdWrap

0

Prototype

### Example

---

## Name

## renderObj

renderObj

### Description

Datatype

Possible Values

Default

StdWrap

0

Prototype

### Example

---

## Name

## sorting

sorting

### Description

Datatype

Possible Values

Default

StdWrap

0

Prototype

### Example

---

## Name

### sortingImageAsc

sortingImageAsc

#### Description

Datatype

Possible Values

Default

StdWrap

0

Prototype

#### Example

---

## Name

## sortingImageDesc

sortingImageDesc

### Description

Datatype

Possible Values

Default

StdWrap

0

Prototype

### Example

---

## Name

### sortingImageDefault

sortingImageDefault

#### Description

Datatype

Possible Values

Default

StdWrap

0

Prototype

#### Example

---



## Name

## accessGroups

accessGroups

### Description

Datatype

Possible Values

Default

StdWrap

0

Prototype

### Example

---

## Name

## cellCSSClass

cellCSSClass

### Description

Datatype

Possible Values

Default

StdWrap

0

Prototype

### Example

---

## Name

### rendererChain

rendererChain

#### Description

Holds the renderer configuration.

Datatype

Possible Values

Default

StdWrap

Prototype

plugin.tx\_ptextlist.prototype.rendererChain

#### Example

---

#### Child elements

enabled, rendererConfigs,

**Children of rendererChain:**

## Name

## enabled

enabled

### Description

Datatype

Boolean

Possible Values

0,1

Default

1

StdWrap

Prototype

### Example

---

## Name

## rendererConfigs

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 is called 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)

Possible Values

Default

StdWrap

Prototype

### Example

---

#### Child elements

[yourNumericRendererId],

**Children of rendererConfigs:**

## Name

### [yourNumericRendererId]

[yourNumericRendererId]

#### Description

Configuration of a single renderer.

Datatype

Possible Values

10,20,30

Default

StdWrap

Prototype

#### Example

---

#### Child elements

renderClassName,

Children of [yourNumericRendererId]:

## Name

### renderClassName

renderClassName

#### Description

The class name of the renderers php class.

Datatype

String

Possible Values

Default

StdWrap

Prototype

#### Example

---

## Name

### aggregateData

aggregateData

#### Description

Defines aggregates of data fields.

Datatype

Associative array

Possible Values

Default

StdWrap

0

Prototype

#### Example

---

#### Child elements

[yourAggregateFieldId],

**Children of aggregateData:**



## Name

### [yourAggregateFieldId]

[yourAggregateFieldId]

#### Description

Named definition of a single data field.

Datatype

Associative array

Possible Values

Default

StdWrap

0

Prototype

#### Example

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

#### Child elements

method, scope,

**Children of [yourAggregateFieldId]:**

## Name

## method

method

### Description

Defined aggregate methods.

Datatype

String

Possible Values

min,max,sum,avg

Default

StdWrap

0

Prototype

### Example

---

## Name

## scope

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

Possible Values

page,query

Default

StdWrap

0

Prototype

### Example

---

special fieldIdentifier

## Name

### aggregateRows

aggregateRows

#### Description

Holds the aggregates columns definitions.

Datatype

Associative array

Possible Values

All columnIdentifiers

Default

StdWrap

Prototype

#### Example

---

#### Child elements

[yourColumnId],

Children of aggregateRows:

## Name

**[yourColumnId]**

[yourColumnId]

### Description

Datatype

Possible Values

Default

StdWrap

Prototype

### Example

---

#### Child elements

aggregateDataIdentifier,

Children of [yourColumnId]:

## Name

### **aggregateDataIdentifier**

aggregateDataIdentifier

#### **Description**

Datatype

String

Possible Values

Default

StdWrap

Prototype

#### **Example**

---

## Name

## filters

filters

### Description

Holds all filterbox configurations.

Datatype

Associative array

Possible Values

Default

StdWrap

Prototype

### Example

---

### Child elements

[yourFilterBoxId],

**Children of filters:**

## Name

### [yourFilterBoxId]

[yourFilterBoxId]

#### Description

Datatype

Possible Values

Default

StdWrap

Prototype

plugin.tx\_ptextlist.prototype.filterBox

#### Example

---

#### Child elements

showReset, showSubmit, filterConfigs,

**Children of [yourFilterBoxId]:**



## Name

### showReset

showReset

#### Description

Show a reset link for all filters of this filterBox.

Datatype

Boolean

Possible Values

0,1

Default

1

StdWrap

0

Prototype

#### Example

---

## Name

### showSubmit

showSubmit

#### Description

Show a submit button for this filterBox.

Datatype

Boolean

Possible Values

0,1

Default

1

StdWrap

0

Prototype

#### Example



## Name

## filterConfigs

filterConfigs

### Description

Holds the configuration of the filters of this filter box.

Datatype

Array

Possible Values

10,20,30...

Default

StdWrap

Prototype

### Example

---

#### Child elements

[yourNumericFilterId],

**Children of filterConfigs:**

## Name

### [yourNumericFilterId]

[yourNumericFilterId]

#### Description

Datatype

Possible Values

Default

StdWrap

Prototype

#### Example

---

#### Child elements

filterIdentifier, defaultValue, filterClassName, partialPath, invert, invertable,

Children of [yourNumericFilterId]:

## Name

### filterIdentifier

filterIdentifier

#### Description

The unique identifier of this filter.

Datatype

String

Possible Values

Default

StdWrap

Prototype

#### Example

---

label

## Name

## defaultValue

defaultValue

### Description

The default value which is shown or selected by default.

Datatype

String

Possible Values

Default

StdWrap

Prototype

### Example

---

accessGroups fieldIdentifier

## Name

### filterClassName

filterClassName

#### Description

Name of the PHP Class of this filter.

Datatype

String

Possible Values

Default

StdWrap

Prototype

#### Example

```
Tx_PtExtlist_Domain_Model_Filter_StringFilter
```

## Name

### partialPath

partialPath

#### Description

Path to the fluid partial which renders this filter.

Datatype

String

Possible Values

Default

StdWrap

Prototype

#### Example

```
Filter/String/StringFilter
```



## Name

## invert

invert

### Description

Invert the constraint of this filter.

Datatype

Boolean

Possible Values

0,1

Default

0

StdWrap

Prototype

### Example

---

## Name

### invertable

invertable

#### Description

Show a controle to invert this filter.

Datatype

Boolean

Possible Values

0,1

Default

0

StdWrap

Prototype

#### Example

---

## Name

### headerPartial

headerPartial

#### Description

Path to the header partial.

Datatype

String

Possible Values

Default

StdWrap

Prototype

#### Example

---

## Name

## bodyPartial

bodyPartial

### Description

Path to the body partial.

Datatype

String

Possible Values

Default

StdWrap

Prototype

### Example

---

## Name

### agregateRowsPartial

agregateRowsPartial

#### Description

Path to the aggregate row partial.

Datatype

String

Possible Values

Default

StdWrap

Prototype

#### Example

---

## 7. Glossary

### Glossary

#### E

Extended Markup Language	A set of rules for encoding documents in machine-readable form. It is defined in the XML 1.0 Specification produced by the W3C, and several other related specifications, all gratis open standards.
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