ezobjectrelation datatype (Object relation)

The ezobjectrelation datatype (Object relation): what it stores and how templates use it.

Source file: doc/eng-us/examples/datatypes/ezobjectrelation.md Last changed 2026-11-04
https://doc.exponential.earth/exphelp/viewer/examples/datatypes/ezobjectrelation.md

The ezobjectrelation datatype (Object relation)

Class `eZObjectRelationType` in `kernel/classes/datatypes/ezobjectrelation/ezobjectrelationtype.php`; identifier `ezobjectrelation`, listed in `settings/content.ini` `[DataTypeSettings]` `AvailableDataTypes[]`.

What it stores

The columns of the attribute tables its class reads or writes: `data_int`, `data_int1`, `data_int2`, `data_int3`, `data_text`, `data_text5` (`data_text`, `data_int`, `data_float` and `sort_key_*` are the object attribute's; `data_text1` ... `data_int4` the class attribute's settings). Found by reading the class: a heuristic. Sorting: `sortKeyType()` returns `int`. It is indexed by the search.

In templates

`my_attribute` stands for the identifier of an attribute of this type in your class:

Template

```
{def $attribute = $node.data_map.my_attribute}
{if $attribute.has_content}
    {attribute_view_gui attribute=$attribute}
{/if}
{* the value as the datatype returns it (objectAttributeContent()) *}
{$attribute.content|attribute( show, 1 )}
```

The shipped template that shows it (`attribute_view_gui`), `design/standard/templates/content/datatype/view/ezobjectrelation.tpl`:

Template

```
{* DO NOT EDIT THIS FILE! Use an override template instead. *}
{if and( $attribute.content, or( $attribute.content.can_read, $attribute.content.can_view_embed )
, $attribute.content.has_visible_node )}
    {content_view_gui view=text_linked content_object=$attribute.content}
{else}
   {'No relation'|i18n( 'design/standard/content/datatype' )}
{/if}
```

The shipped template that edits it (`attribute_edit_gui`), `design/standard/templates/content/datatype/edit/ezobjectrelation.tpl` (first 25 lines):

Template

```
{* DO NOT EDIT THIS FILE! Use an override template instead. *}
{default attribute_base=ContentObjectAttribute}
{let class_content=$attribute.contentclass_attribute.content}

{switch match=$class_content.selection_type}

{* Browse. *}
{case match=0}
<div class="block" id="ezobjectrelation_browse_{$attribute.id}">

<table class="list{if $attribute.content|not} hide{/if}" cellspacing="0">
<thead>
<tr>
    <th>{'Name'|i18n( 'design/standard/content/datatype' )}</th>
    <th>{'Type'|i18n( 'design/standard/content/datatype' )}</th>
    <th>{'Section'|i18n( 'design/standard/content/datatype' )}</th>
    <th>{'Published'|i18n( 'design/standard/content/datatype' )}</th>
</tr>
</thead>
<tbody>
<tr class="bglight">
{if and( $attribute.content, or( $attribute.content.can_read, $attribute.content.can_view_embed )
 )}

    {* Name *}
    <td>{$attribute.content.name|wash()}</td>
```

Override them for one class attribute in an `override.ini.append.php` with `Source=content/datatype/view/ezobjectrelation.tpl` and a match on `attribute_identifier` (see A template override).

Related

- All datatypes
- A custom datatype
- A content class

Generated by `./console exp:help:examples` from `kernel/classes/datatypes/ezobjectrelation/ezobjectrelationtype.php`, `settings/content.ini`, `design/standard/templates/content/datatype/view/ezobjectrelation.tpl`, `design/standard/templates/content/datatype/edit/ezobjectrelation.tpl`. Do not edit this page: change the source and generate again (how). Free documentation: GFDL 1.3 or later.

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