ezselection datatype (Selection)

The ezselection datatype (Selection): what it stores and how templates use it.

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

The ezselection datatype (Selection)

Class `eZSelectionType` in `kernel/classes/datatypes/ezselection/ezselectiontype.php`; identifier `ezselection`, listed in `settings/content.ini [DataTypeSettings] AvailableDataTypes[]`.

What it stores

The columns of the attribute tables its class reads or writes: `data_int1`, `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 `string`. It is indexed by the search; collects information (forms).

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/ezselection.tpl`:

Template

```
{* DO NOT EDIT THIS FILE! Use an override template instead. *}
{* The selected options in the order of the class, one per line: a <br /> only between two of the
m, nothing
   before, after or around a single one (portions derived from LoveStack, mugoweb/ezpublish-legac
y, commits
   eee7f69fc3 and 67eec8f972, Copyright (C) Mugo Web, GPL v2). *}
{def $selected_id_array = $attribute.content
     $selection_shown = false()}
{foreach $attribute.class_content.options as $option}{if $selected_id_array|contains( $option.id
)}{if $selection_shown}<br />{/if}{$option.name|wash( xhtml )}{set $selection_shown = true()}{/if
}{/foreach}
{undef $selected_id_array $selection_shown}
```

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

Template

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

{* Always set the ..._selected_array_.. variable, this circumvents the problem when nothing is sel
ected. *}
<input type="hidden" name="{$attribute_base}_ezselect_selected_array_{$attribute.id}" value="" />

<select id="ezcoa-{if ne( $attribute_base, 'ContentObjectAttribute' )}{$attribute_base}-{/if}{$at
tribute.contentclassattribute_id}_{$attribute.contentclass_attribute_identifier}" class="ezcc-{$a
ttribute.object.content_class.identifier} ezcca-{$attribute.object.content_class.identifier}_{$at
tribute.contentclass_attribute_identifier}" name="{$attribute_base}_ezselect_selected_array_{$att
ribute.id}[]" {if $attribute.class_content.is_multiselect}multiple{/if}>
{section var=Options loop=$attribute.class_content.options}
<option value="{$Options.item.id|wash}" {if $selected_id_array|contains( $Options.item.id )}selec
ted="selected"{/if}>{$Options.item.name|wash( xhtml )}</option>
{/section}
</select>
{/let}
{/default}
```

Override them for one class attribute in an `override.ini.append.php` with `Source=content/datatype/view/ezselection.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/ezselection/ezselectiontype.php`, `settings/content.ini`, `design/standard/templates/content/datatype/view/ezselection.tpl`, `design/standard/templates/content/datatype/edit/ezselection.tpl`. Do not edit this page: change the source and generate again (how). Free documentation: GFDL 1.3 or later.

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