ezboolean datatype (Checkbox)

The ezboolean datatype (Checkbox): what it stores and how templates use it.

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

The ezboolean datatype (Checkbox)

Class `eZBooleanType` in `kernel/classes/datatypes/ezboolean/ezbooleantype.php`; identifier `ezboolean`, listed in `settings/content.ini` `[DataTypeSettings]` `AvailableDataTypes[]`.

What it stores

The columns of the attribute tables its class reads or writes: `data_int`, `data_int3`, `sort_key_int` (`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; 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/ezboolean.tpl`:

Template

```
{* DO NOT EDIT THIS FILE! Use an override template instead. *}
{$attribute.data_int|choose( 'No'|i18n( 'design/standard/content/datatype' ), 'Yes'|i18n( 'design
/standard/content/datatype') )}
```

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

Template

```
{* DO NOT EDIT THIS FILE! Use an override template instead. *}
{default attribute_base=ContentObjectAttribute}
<input id="ezcoa-{if ne( $attribute_base, 'ContentObjectAttribute' )}{$attribute_base}-{/if}{$attribute.contentclassattribute_id}_{$attribute.contentclass_attribute_identifier}" class="ezcc-{$attribute.object.content_class.identifier} ezcca-{$attribute.object.content_class.identifier}_{$attribute.contentclass_attribute_identifier}" type="checkbox" name="{$attribute_base}_data_boolean_{$attribute.id}" {$attribute.data_int|choose( '', 'checked="checked"' )} value="" />
{/default}
```

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

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