ezfloat datatype (Float)

The ezfloat datatype (Float): what it stores and how templates use it.

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

The ezfloat datatype (Float)

Class `eZFloatType` in `kernel/classes/datatypes/ezfloat/ezfloattype.php`; identifier `ezfloat`, listed in `settings/content.ini [DataTypeSettings] AvailableDataTypes[]`.

What it stores

The columns of the attribute tables its class reads or writes: `data_float`, `data_float1`, `data_float2`, `data_float3`, `data_float4` (`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.

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/ezfloat.tpl`:

Template

```
{* DO NOT EDIT THIS FILE! Use an override template instead. *}
{$attribute.data_float|l10n( number )}
```

The shipped template that edits it (`attribute_edit_gui`), `design/standard/templates/content/datatype/edit/ezfloat.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}{$att
ribute.contentclassattribute_id}_{$attribute.contentclass_attribute_identifier}" class="box ezcc-
{$attribute.object.content_class.identifier} ezcca-{$attribute.object.content_class.identifier}_{
$attribute.contentclass_attribute_identifier}" type="text" name="{$attribute_base}_data_float_{$a
ttribute.id}" size="12" value="{if $attribute.has_http_value}{$attribute.value|wash}{else}{$attri
bute.content|l10n(number)}{/if}" />
{/default}
```

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

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