ezobjectrelationlist datatype (Object relations)

The ezobjectrelationlist datatype (Object relations): what it stores and how templates use it.

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

The ezobjectrelationlist datatype (Object relations)

Class `eZObjectRelationListType` in `kernel/classes/datatypes/ezobjectrelationlist/ezobjectrelationlisttype.php`; identifier `ezobjectrelationlist`, listed in `settings/content.ini` `[DataTypeSettings]` `AvailableDataTypes[]`.

What it stores

The columns of the attribute tables its class reads or writes: `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. 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/ezobjectrelationlist.tpl`:

Template

```
{* DO NOT EDIT THIS FILE! Use an override template instead. *}
{def $check_visibility = ezini( 'SiteAccessSettings', 'ShowHiddenNodes' )|ne( 'true' )
     $content = false()
     $has_readable_related = false()}
{section var=Relations loop=$attribute.content.relation_list}
{if $Relations.item.in_trash|not()}
    {set $content = fetch( content, object, hash( object_id, $Relations.item.contentobject_id ) )
}
    {if or( $content.can_read, $content.can_view_embed)}
        {if or(
            $check_visibility|not,
            fetch( content, node, hash( node_id, $Relations.item.node_id ) ).is_invisible|not
        )}
            {content_view_gui view=embed content_object=$content}<br>
            {set $has_readable_related = true()}
        {/if}
    {/if}
{/if}
{/section}
{if $has_readable_related|not()}
{'There are no related objects.'|i18n( 'design/standard/content/datatype' )}
{/if}
{undef $check_visibility $content $has_readable_related}
```

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

Template

```
{* DO NOT EDIT THIS FILE! Use an override template instead. *}
{let class_content=$attribute.class_content
     class_list=fetch( class, list, hash( class_filter, $class_content.class_constraint_list ) )
     can_create=true()
     new_object_initial_node_placement=false()
     browse_object_start_node=false()}

{if $class_content.selection_type|ne( 0 )} {* If current selection mode is not 'browse'. *}
        {default attribute_base=ContentObjectAttribute}
        {let parent_node=cond( and( is_set( $class_content.default_placement.node_id ),
                                $class_content.default_placement.node_id|eq( 0 )|not ),
                                $class_content.default_placement.node_id, 1 )
         nodesList=cond( and( is_set( $class_content.class_constraint_list ), $class_content.clas
s_constraint_list|count|ne( 0 ) ),
                         fetch( content, tree,
                                hash( parent_node_id, $parent_node,
                                      class_filter_type,'include',
                                      class_filter_array, $class_content.class_constraint_list,
                                      sort_by, array( 'name',true() ),
                                      main_node_only, true() ) ),
                         fetch( content, list,
                                hash( parent_node_id, $parent_node,
                                      sort_by, array( 'name', true() )
                                    ) )
                        )
        }
```

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

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