ezrangeoption datatype (Range option)

The ezrangeoption datatype (Range option): what it stores and how templates use it.

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The ezrangeoption datatype (Range option)

Class `eZRangeOptionType` in `kernel/classes/datatypes/ezrangeoption/ezrangeoptiontype.php`; identifier `ezrangeoption`, listed in `settings/content.ini [DataTypeSettings] AvailableDataTypes[]`.

What it stores

The columns of the attribute tables its class reads or writes: `data_text`, `data_text1` (`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/ezrangeoption.tpl`:

Template

```
{* DO NOT EDIT THIS FILE! Use an override template instead. *}
<label>{$attribute.content.name|wash}:</label>
<select name="eZOption[{$attribute.id}]">
{section var=Options loop=$attribute.content.option_list}
<option value="{$Options.item.id}">{$Options.item.value|wash}</option>
{/section}
</select>
```

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

Template

```
{* DO NOT EDIT THIS FILE! Use an override template instead. *}
{default attribute_base=ContentObjectAttribute}
<div class="block">

<label for="ezcoa-{if ne( $attribute_base, 'ContentObjectAttribute' )}{$attribute_base}-{/if}{$at
```

```
tribute.contentclassattribute_id}_{$attribute.contentclass_attribute_identifier}_name">{'Name'|i1
8n( 'design/standard/content/datatype' )}:</label>
<input id="ezcoa-{if ne( $attribute_base, 'ContentObjectAttribute' )}{$attribute_base}-{/if}{$att
ribute.contentclassattribute_id}_{$attribute.contentclass_attribute_identifier}_name" class="box
ezcc-{$attribute.object.content_class.identifier} ezcca-{$attribute.object.content_class.identifi
er}_{$attribute.contentclass_attribute_identifier}" type="text" name="{$attribute_base}_data_rang
eoption_name_{$attribute.id}" value="{$attribute.content.name|wash}" />
</div>

<div class="block">

<div class="element">
<label for="ezcoa-{if ne( $attribute_base, 'ContentObjectAttribute' )}{$attribute_base}-{/if}{$at
tribute.contentclassattribute_id}_{$attribute.contentclass_attribute_identifier}_start_value">{'S
tart value'|i18n( 'design/standard/content/datatype' )}:</label>
<input id="ezcoa-{if ne( $attribute_base, 'ContentObjectAttribute' )}{$attribute_base}-{/if}{$att
ribute.contentclassattribute_id}_{$attribute.contentclass_attribute_identifier}_start_value" clas
s="ezcc-{$attribute.object.content_class.identifier} ezcca-{$attribute.object.content_class.ident
ifier}_{$attribute.contentclass_attribute_identifier}" type="text" name="{$attribute_base}_data_r
angeoption_start_value_{$attribute.id}" size="3" value="{$attribute.content.start_value|wash}" />
</div>

<div class="element">
<label for="ezcoa-{if ne( $attribute_base, 'ContentObjectAttribute' )}{$attribute_base}-{/if}{$at
tribute.contentclassattribute_id}_{$attribute.contentclass_attribute_identifier}_stop_value">{'St
op value'|i18n( 'design/standard/content/datatype' )}:</label>
<input id="ezcoa-{if ne( $attribute_base, 'ContentObjectAttribute' )}{$attribute_base}-{/if}{$att
ribute.contentclassattribute_id}_{$attribute.contentclass_attribute_identifier}_stop_value" class
="ezcc-{$attribute.object.content_class.identifier} ezcca-{$attribute.object.content_class.identi
fier}_{$attribute.contentclass_attribute_identifier}" type="text" name="{$attribute_base}_data_ra
ngeoption_stop_value_{$attribute.id}" size="3" value="{$attribute.content.stop_value|wash}" />
</div>

<div class="element">
<label for="ezcoa-{if ne( $attribute_base, 'ContentObjectAttribute' )}{$attribute_base}-{/if}{$at
tribute.contentclassattribute_id}_{$attribute.contentclass_attribute_identifier}_step_value">{'St
ep value'|i18n( 'design/standard/content/datatype' )}:</label>
<input id="ezcoa-{if ne( $attribute_base, 'ContentObjectAttribute' )}{$attribute_base}-{/if}{$att
ribute.contentclassattribute_id}_{$attribute.contentclass_attribute_identifier}_step_value" class
="ezcc-{$attribute.object.content_class.identifier} ezcca-{$attribute.object.content_class.identi
fier}_{$attribute.contentclass_attribute_identifier}" type="text" name="{$attribute_base}_data_ra
ngeoption_step_value_{$attribute.id}" size="3" value="{$attribute.content.step_value|wash}" />
</div>
```

Override them for one class attribute in an `override.ini.append.php` with `Source=content/datatype/view/ezrangeoption.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/ezrangeoption/ezrangeoptiontype.php`, `settings/content.ini`, `design/standard/templates/content/datatype/view/ezrangeoption.tpl`,

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