



yafowil

declarative forms

Framework Agnostic Form Library

Webob -> Pyramid, ...

Zope Request -> Zope, Plone

Werkzeug -> Flask...

est. 2010

mature form library

documented

yafowil.plone.autoform

- **drop in replacement** for z3c.form by activating the YAFOWIL behavior per portal-type.
- own directives to create more complex fields
from yafowil.plone.autoform import directives
- part of **yafowil.plone 4.0.0a3**
- example package at github under **bluedynamics/bda.plone.yafowil_autoform_example**

Array Field with Text

Text Array Field • Text Array Field Description

Entry • Array Entry

Entry • Array Entry

Entry • Array Entry

```
#####  
# Text array field example  
#####  
  
def text_array_field_factory(context):  
    """Factory callback for `IYafowilTextArrayFieldBehavior.text_array_field`.  
    """  
    value = context.text_array_field  
    value = value if value else []  
    array = factory(  
        '#field:#array',  
        name='text_array_field',  
        value=value,  
        props={  
            'label': _(u'text_array_field', default=u'Text Array Field'),  
            'array.label': ' ',  
            'help': _(u'text_array_field_description',  
                    default=u'Text Array Field Description'),  
            'required': _(u'text_array_field_required',  
                        default=u'Text Array Field must at least contain one entry'),  
            'persist': True  
        })  
    array['field'] = factory(  
        '#arrayfield:text',  
        props={  
            'label': _(u'text_array_field_entry', default=u'Entry'),  
            'help': _(u'text_array_field_entry_help', default=u'Array Entry'),  
            'required': _(u'text_array_field_entry_required',  
                        default=u'Array Entry cannot be empty'),  
        })  
    return array  
  
@provider(IFormFieldProvider)  
class IYafowilTextArrayFieldBehavior(model.Schema):  
  
    text_array_field = schema.Tuple(required=False)  
    directives.factory_callable(  
        'text_array_field',  
        text_array_field_factory  
    )
```

Array Field with Compound

Compound Array Field • [Compound Array Field Description](#)

Textfield

Some entry

Selectfield

Value 2

Textfield

Other Entry

Selectfield

Value 3

```
def select_array_field_factory(context):
    """Factory callback for `IYafowilSelectArrayFieldBehavior.select_array_field`."""
    value = context.select_array_field
    value = value if value else []
    array = factory(
        '#field:#array',
        name='select_array_field',
        value=value,
        props={
            'label': _(u'select_array_field', default=u'Select Array Field'),
            'array.label': ' ',
            'help': _(u'select_array_field_description',
                    default=u'Select Array Field Description'),
            'required': _(
                u'select_array_field_required',
                default=u'Select Array Field must at least contain one entry'),
            'persist': True
        }
    )
    array['field'] = factory(
        '#arrayfield:select',
        props={
            'label': _(u'select_array_field_entry', default=u'Entry'),
            'vocabulary': [
                ('1', 'Value 1'),
                ('2', 'Value 2'),
                ('3', 'Value 3'),
            ]
        }
    )
    return array

@provider(IFormFieldProvider)
class IYafowilSelectArrayFieldBehavior(model.Schema):

    select_array_field = schema.Tuple(required=False)
    directives.factory_callable(
        'select_array_field',
        select_array_field_factory
    )
```

Array Field with Richtext

Also configures
the TinyMCE.

Richtext Array Field • [Richtext Array Field Description](#)

Entry

B *I*

Minions ipsum bappleees hahaha ti aamoo! Pepete tulaliloo pepete jiii chasy. Bananaaaa butt potatoooo butt la bodaaa bappleees underweaaaar para tú hahaha chasy baboiii. Daa jeje hana dul sae underweaaaar. Hahaha butt aaaaaah chasy tulaliloo. Ti aamoo! belloo! Potatoooo tatata bala tu pepete po kass bappleees pepete aaaaaah

P POWERED BY TINYMCE

text/html

Entry

B *I*

Minions ipsum dolore la bodaaa daa enim elit velit. Tatata bala tu tank yuuu! Sed nisi bappleees wiiiiii wiiiiii. Aaaaaah nostrud chasy jeje consectetur me want bananaaaa! Velit eiusmod duis duis tempor. Daa jeje daa et officia quis reprehenderit quis quis sed ti aamoo! Reprehenderit dolor commodo velit aaaaaah aaaaaah para tú tatata bala tu. Chasy jeje ti aamoo! Minim irure dolore duis hana dul sae.

P POWERED BY TINYMCE

text/html

Check it out:

https://github.com/bluedynamics/bda.plone.yafowil_autoform_example/

<http://docs.yafowil.info/>

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