Wagtail test utilities Documentation

Release 0.1.0

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November 25, 2015

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CHAPTER 1

Reference

1.1 WagtailPageTests

class `wagtailtestutils.utils.`**`WagtailPageTests`**

`assertCanCreateAt`(*parent_model*, *child_model*, *msg=None*)

Assert a particular child Page type can be created under a parent Page type. `parent_model` and `child_model` should be the Page classes being tested.

Example:

```
# You can create a ContentPage under a HomePage
self.assertCanCreateAt(HomePage, ContentPage)
```

`assertCanNotCreateAt`(*parent_model*, *child_model*, *msg=None*)

Assert a particular child Page type can not be created under a parent Page type. `parent_model` and `child_model` should be the Page classes being tested.

Example:

```
# You can not create a ContentPage under an EventPage
self.assertCanNotCreateAt(EventPage, ContentPage)
```

`assertCanCreate`(*parent*, *child_model*, *data*, *msg=None*)

Assert that a child of the given Page type can be created under the parent, using the supplied POST data.

`parent` should be a Page instance, and `child_model` should be a Page subclass. `data` should be a dict that will be POSTed at the Wagtail admin Page creation method.

Example:

```
# Get the HomePage
root_page = HomePage.objects.get(pk=2)

# Assert that a ContentPage can be made here, with this POST data
self.assertCanCreate(root_page, ContentPage, {
    'title': 'About us',
    'body': 'Lorem ipsum dolor sit amet')
```

`assertAllowedParentPageTypes`(*child_model*, *parent_models*, *msg=None*)

Test that the only page types that `child_model` can be created under are `parent_models`.

The list of allowed parent models may differ from those set in `Page.parent_page_types`, if the parent models have set `Page.subpage_types`.

Example:

```
# A ContentPage can only be created under a HomePage
# or another ContentPage
self.assertAllowedParentPageTypes(
    ContentPage, {HomePage, ContentPage})

# An EventPage can only be created under an EventIndex
self.assertAllowedParentPageTypes(
    EventPage, {EventIndex})
```

assertAllowedSubpageTypes(*parent_model*, *child_models*, *msg=None*)

Test that the only page types that can be created under `parent_model` are `child_models`.

The list of allowed child models may differ from those set in `Page.subpage_types`, if the child models have set `Page.parent_page_types`.

Example:

```
# A ContentPage can only have other ContentPage children
self.assertAllowedSubpageTypes(
    ContentPage, {ContentPage})

# A HomePage can have ContentPage and EventIndex children
self.assertAllowedParentPageTypes(
    HomePage, {ContentPage, EventIndex})
```

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