

Table of Contents

AnApplicationWithWikiForm.....	1
FAQ:.....	1
Answer:.....	1
Create a data form definition.....	1
Enable the form.....	1
Create an HTML form for easy topic creation.....	1
Create a query search.....	2

AnApplicationWithWikiForm

You are here: Wiki >System Web>AnApplicationWithWikiForm (09 Jan 2009, ProjectContributor)EditAttach

FAQ:

How can I create a simple data form based application?

Answer:

This answer assumes you have basic knowledge about Data Forms.

Using the steps below, you will create:

1. A form definition
2. A topic creation (HTML) form to automatically attach a data form to a topic
3. A query search to find topics based on the data fields

Step by step:

Create a data form definition

See Data Form, specifically the section Defining a form

As an example we will create the topic "ReadingForm" with these contents:

Name	*Type*	*Size*	*Values*	*Tooltip message*	*Attributes*
Title	text	80		Book or article title	
Category	select	1	,Interesting,Remarkable,So-so	How you rate this reading m	
Author	text	50		Author's last name	

Enable the form

Add the form in the list of Web forms. This is done by setting the preference WEBFORMS in the Web's WebPreferences (a comma separated list).

If you create a topic, you can always add a form to the topic by choosing "Add form" in the edit screen.

Now we will create an HTML form that does this automatically.

Create an HTML form for easy topic creation

HTML forms have nothing to do with data forms, except that they are a way to create topics with pre-defined values.

Example HTML form:

```
<form action="%SCRIPTURLPATH(edit)%/%WEB%" method="post">
Name of the new topic: %BR%
<input type="text" name="topic" class="foswikiInputField" size="32" />

Title of article or book: %BR%
```

```

<input type="text" name="Title" class="foswikiInputField" size="32" />

<input type="submit" class="foswikiSubmit" value="Create topic" />
<input type="hidden" name="onlywikiname" value="on" />
<input type="hidden" name="formtemplate" value="ReadingForm" />
<input type="hidden" name="topicparent" value="%TOPIC%" />
</form>

```

Create a query search

VarSEARCH has more information on creating searches.

To list all topics that have a form named ReadingForm:

```

%SEARCH{
type="query"
"TestForm"
nonoise="on"
format="    * [[${web}.${topic}][${formfield(Title)}]] "
}%

```

To list all topics where the author is named "Auden":

```

%SEARCH{
type="query"
"TestForm[name='Author'].value='Auden'"
nonoise="on"
format="    * [[${web}.${topic}][${formfield(Title)}]] "
}%

```

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-  System

- Log In

- **Toolbox**


-  Users

-  Groups

-  Index


-  Search

-  Changes

-  Notifications

-  RSS Feed

-  Statistics

-  Preferences

- **User Reference**

- [BeginnersStartHere](#)

- [TextFormattingRules](#)

- [Macros](#)

- [FormattedSearch](#)

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- QuerySearch
- DocumentGraphics
- SkinBrowser
- InstalledPlugins
- **Admin Maintenance**
 - Reference Manual
 - AdminToolsCategory
 - InterWikis
 - ManagingWebs
 - SiteTools
 - DefaultPreferences
 - WebPreferences
- **Categories**
 - Admin Documentation
 - Admin Tools
 - Developer Doc
 - User Documentation
 - User Tools
- **Webs**
 - ☐ Public
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