

User Guide

How to Create a Custom Component

By SBND Technologies

Description

This procedure describes how to create an additional field called Author in the page creation component.

Procedure

1. Create a file named *ExtendedPages.cmp.php* in the *root/cmp* directory.
2. Open the file and create a class *ExtendedPages* that extends the *Pages* class, located in the *Pages.cmp.php* file in the *root/cms/controllers* directory.

```
1. <?php
2. BASIC::init()->imported('Pages.cmp', 'cms/controllers');
3. class ExtendedPages extends Pages {
4. }
```

3. Override the *main()* method and declare component fields as follows:

```
1. function main(){
2.     parent::main();
3.
4.     /**
5.      * Add field 'author' after all fields from parent method
6.      *
7.      * view tutorial how to describe different type of fields
8.      */
9.     $this->setField('author', array(
10.         'text' => BASIC_LANGUAGE::init()->get('author')
11.     ));
12. }
```

4. Translate the language variable *author*. To do that, follow the steps below:
 - a) In the administration panel go to *System → Languages*.
 - b) Locate the language in which you want to add the new strings and click *Language Variables* under that language.
 - c) Click the *Add* button on the right side:
 - Enter **author** as name of the new variable.
 - Enter **Author** as value of the variable.
5. Register the component with the system name "pages":
 - a) In the administration panel go to *System → Components*.
 - b) Click the *Add* button and enter the following information:
 - *System Name*: **pages PHP**
 - *Class Name*: **cmp/ExtendedPages**
 - *Public Name*: **Extended Pages**
 - c) Click *Save*.
6. Go to *System → Pages* and create a new page or open an existing one for editing. The new field *Author* is displayed at the bottom.



7. Add a value for the new field in the template. That value will be displayed on the client side.

8. To add formatting for the text of the new variable, proceed as follows:

- a) Go to the *root/themes/your_theme/tpl/* directory, open the *base.tpl* file and find the following code:

```
1. <h1>${PAGE_DATA.title}</h1><br>
2. <div class="page_body">${PAGE_DATA.body}</div>
3. ${CONTENT}
```

- b) Add **`${PAGE_DATA.author}`** template variable:

```
1. <h1>${PAGE_DATA.title}</h1>
2. <div class="page_body">${PAGE_DATA.body}</div>
3. <h6>${PAGE_DATA.author}</h6>
4. ${CONTENT}
```

The picture below shows how your pages will look:

SBNDF&CMS

Home

Contacts

Home

Home

Welcome to SBND CMS 7

Author home page