EXT: PHP-based Data Display (Data Consumer)

Extension Key: phpdisplay

Language: en

Keywords: forAdmins, forIntermediates, tesseract

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The content of this document is related to TYPO3

- a GNU/GPL CMS/Framework available from www.typo3.org
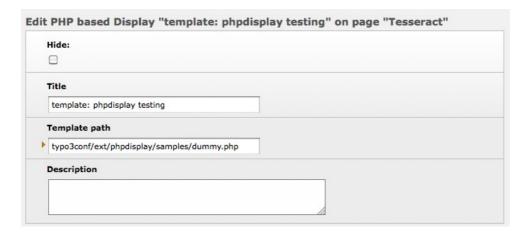
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Introduction

What does it do?

The "phpdisplay" extension is a Data Consumer for the Tesseract framework. It is used to display and format data given to him by the controller. PHP Display is well indicated when dealing with complex layout by offering the flexibility of the PHP language. It is also targeting developers who prefer to deal with PHP template. For small needs or for people who are not very familiar with PHP, the "templatedisplay" extension would be probably more appropriate.

Screenshot

Here's a view of a PHP Display record in the TYPO3 BE:

Questions?

If you have any questions about this extension, you may want to refer to the Tesseract Project web site (http://www.typo3-tesseract.com/) for support and tutorials. You may also ask questions in the TYPO3 English mailing list (typo3.english).

Keeping the developer happy

If you like this extension, do not hesitate to rate it. Go the Extension Repository, search for this extension, click on its title to go to the details view, then click on the "Ratings" tab and vote (you need to be logged in). Every new vote keeps the developer ticking. So just do it!

You may also take a step back and reflect about the beauty of sharing. Think about how much you are benefiting and how much yourself is giving back to the community.

Installation

Installation is pretty straightforward, but the extension is useless on its own. It must be installed as part of the Tesseract project. Currently extensions making use of "phpdisplay" is the Display Controller ("displaycontroller") as well as the Display Controller Advanced ("displaycontroller_advanced").

The only condition is that "phpdisplay" must be installed **before** "displaycontroller". If this order is not respected in your installation, either modify the extension list yourself (in `typo3conf/localconf.php`) or uninstall and reinstall "displaycontroller".
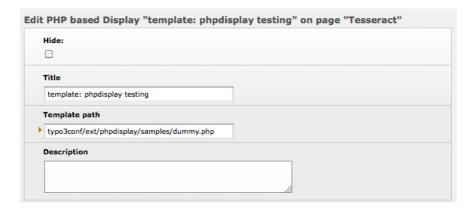
User manual

Setting up a template

1. Create a new record of type PHP based Display on a page or a sysfolder.

2. Define a value for field "Template path" (cf. screenshot bellow).

3. Start editing the file. Variable **$datastructure** contains the result of the data provider and can be used to manipulate data in the template. Some **useful examples** can be taken from file EXT:phpdisplay/samples/dummy.php.

```php
<?php
    // a good starting point is to display / debug the structure
    print_r($datastructure);
?>
```


Available variables

variable name	asdf	Type
$datastructure	the Data Structure passed by the controller which contains the records	Array
$filter	the values of the Data Filter	Array
$controller	the Display Controller itself which is the parent object	Object

Syntax overview

As said, PHP Display is using PHP as a language template. To avoid confusion whenever writing PHP code within HTML, it is recommended to use the syntax bellow:

```php
// loop
<?php foreach($datastructure as $record): ?>
    <?php print $record['title'] ?>
<?php endforeach ?>

// condition
<?php if($foo == 'foo'): ?>
    Test has been validated as TRUE
<?php else: ?>
    Test has been validated as TRUE
<?php endif ?>
```

Basically, a very basic PHP based template can looks like:

```php
Hello World!

Here is a list of pages:
<ul>
    <li>
        <?php foreach($datastructure['page']['records'] as $record): ?>
```

```
            <?php print $record['title'] ?>
         <?php endforeach ?>
      </li>
</ul>
```

Bug reporting

For feature requests, please open a report on Forge issue tracker: http://forge.typo3.org/projects/extension-phpdisplay/issues

Changelog

Version	Changes:
1.0.0	first public release, as part of the Tesseract project