



Detailed functional specifications

eZ Extra Features





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Version : 1.0.0

Change history

Version	Date of creation	Updated by	Description
1.0.0	2012-01-01	Adrien Loyant	Creation of document





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1. Aim

This document provides some information in order to use “eZ Extra Features” extension.





2. USE PHP FUNCTIONS EXTRA FEATURES

2.1 Activate the function

To activate a particular php function in eZPublish just adds its name into the “AuthorizedFunctions” array of the “eZPHPFunc” section.

```
[eZPHPFunc]
AuthorizedFunctions[]
AuthorizedFunctions[]=str_replace
```

If you want to authorize a static method class just do like below (This will authorize createFromFormat method from the DateTime class).

```
[eZPHPFunc]
AuthorizedFunctions[]
AuthorizedFunctions[]=DateTime ::createFromFormat
```

You can also add method from class with a specific namespace. Just put the namespace before the class name.

```
[eZPHPFunc]
AuthorizedFunctions[]
AuthorizedFunctions[]=\DateTime ::createFromFormat
```

Soon, you’ll be able to add all the method from a specific class by adding the “*” char in order to specify each methods one by one.





2.2 Call function in a template

Now you can call the php function in a template. Just do it like below

```
{def $test = call_php_func('str_replace', array( "%body%", "black", "body text=
%body%" ), false() )}
```

Explanation:

As you can see the first argument is a string. It should be the name of the function. The second argument is the function parameters in an array. The last parameter need to be set to true if you want to directly output the function result. This is useful for “var_dump” function for example.

```
{def $test = call_php_func('str_replace', array( "%body%", "black", "body text=
%body%" ), false() )}
```

Note:

The last parameter is not needed. It's **false** by default.

2.3 Call class method in a template

If you want to call a php class method, this how you need to do:

```
{def $test = call_php_func( array( 'DateTime', 'createFromFormat' ) , array( 'j-M-Y',
'15-Feb-2009' ), false() )}
```

Explanation:

As you can see the first argument is an array. It should be an array with the name of the class to the first index, and the method name next index. The second argument is the method parameters in an array. The last parameter need to be set to true if you want to directly output the function result (It rarely happen for a class method).

Note:

The last parameter is not needed. It's **false** by default.

For a specific namespace the class name must be prepend with the name of the namespace.





2.4 Additional features

Because you're in eZPublish, the first parameter of the template operator "call_php_func" could be outsourced as follow:

```
{def $test = 'str_replace'|call_php_func( array( "%body%", "black", "body text=%body%" ), false() )}
```

or

```
{def $test = array( 'DateTime', 'createFromFormat')|call_php_func( array( 'j-M-Y', '15-Feb-2009' ), false() )}
```



3. RETRIEVE THE DEFAULT JAVASCRIPT LIBRARY

Set the authorized JavaScript library

With the extra features you can set an array of permitted JavaScript library. This is useful when the preferred library constant is set to yui (as example) but you don't manage this one into your personal script.

To do this, just define the "AuthorizedLibrary" constant into the eZJSCore section (ezjscore.ini).

```
[eZJSCore]
AuthorizedLibrary[]
AuthorizedLibrary[]=jquery
```

Get preferred library in your template

Now you can use the "get_preferred_library" operator. This operator return the defined preferred library constant define in ezjscore.ini file, and return a fallback value if the constant is not define or isn't in the authorized library.

Example:

Config

```
[eZJSCore]
AuthorizedLibrary[]
AuthorizedLibrary[]=jquery
AuthorizedLibrary[]=mootools
```

```
PreferredLibrary=yui3
```

Template

```
{get_preferred_library()}
```

Will return 'jquery'

Template

```
{get_preferred_library( 'mootools' )}
```

Will return 'mootools'

