

PostBBCode

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PostBBCode

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Revision History

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initial version

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About

BBCode

That's what phpBB2 says about BBCode: "BBCode is a special implementation of HTML. BBCode itself is similar in style to HTML, tags are enclosed in square braces [and] rather than < and > and it offers greater control over what and how something is displayed."

PostBBCode

is a PostNuke 0.71+ Module that adds support for BBCode. This module can be used by other PostNuke modules to integrate BBCode.

Note: see PostGuestbook for an example

Chapter 1. Features

implemented.

- translate BBCode into HTML
- assists user in inserting BBCode
- uses PN API
- easy install/uninstall (PN-conform)

possible Features.

- Help (localized) for site visitor
- admin: allowed bbcode
- admin: add own bbcode
- store bbcode and help in database

Chapter 2. Installation

1. unpack (unzip) postbbcode.zip in the PN directory
2. go to the administration-panel and choose modules
3. regenerate the module list
4. initialize the postbbcode module
5. activate the postbbcode module ¹
6. install module that uses postbbcode or write your own

Notes

1. If the module is not activated other modules can't find it :-)

Chapter 3. Customization

PostBBCode is a very simple module and there is no admin section right now. No database is used.

If you want to disable some bbcodes or add your own you have to modify a php file.

All bbcodes are stored as regular expressions in `bbcode.php` in the PostBBCode module directory. Each entry consists of a array with two elements. 1st is the regular expression which has to match the user input. The second value specifies the replacementstring.

Note: See `preg_replace` in the php docu for further information.

Chapter 4. use BBCode in own module

4.1. BBCode editing

PostBBCode was written to provide BBCode support for various modules. It's working, but because it's a alpha version and it has been used only one time (in postguestbook) I'm sure there are things that have to be changed to support a wider set of modules.

This version of PostBBCode can be integrated by the use of two functions.

postbbcode_user_html_buttons is used to add buttons and JavaScript to the input form. These buttons make easier for the site visitor to insert BBCode. The JavaScript Code is based on the XForum implementation of BBCode and allows to format selected text (MSIE only) in a textarea. If no Text is selected or browser other than MSIE is used a Prompt to insert text for formation is presented.

The Code for inserting this html snippet is as follows:

Example 4-1. inserting BBCode Buttons

```
if (pnModAvailable('postbbcode') &&
    pnModAPILoad('postbbcode', 'user'))
{
    $bbcode_html = pnModAPIFunc('postbbcode',
                                'user',
                                'html_buttons',
                                array('form_name' => 'pgb_form',
                                      'control_name' => 'pgb_message'));
    $output->Text($bbcode_html);
}
```

The function takes to parameters - the name of the form and the name of the textarea control. These parameters define where the bbcode should be inserted.

Note: The current implementation allows only one control. The code resulting from this function call must not be used twice in a html page!

If you don't want buttons the user can always enter the bbcodes by hand.

4.2. BBCode presentation

For the presentation you have to convert the BBCode to HTML Code. This is done by calling `postbbcode_userapi_bbtohtml`. The function simply converts all the defined BBcodes to html code. It should be called everytime `pnVarPrepForDisplay` or `pnVarPrepHTMLDisplay` is being used for the variable containing the BBCode.

Using this shema the BBCode is only translated for presentation purposes and no HTML code is stored in the database. HTML Code normaly not allowed for presentation can be created using this method.

Example 4-2. change BBCode to HTML

```
if (pnModAvailable('postbbcode') &&
    pnModAPILoad('postbbcode', 'user'))
{
    // convert bbcode to html
    $html = pnModAPIFunc('postbbcode',
                        'user',
                        'bbtohtml',
                        array("bbcode" => $bbcode));

    if (!isset($html))
    {
        // translation failed -> show non translated
        $html = $bbcode;
    }
}
```

Chapter 5. Resources

5.1. XForum

The JavaScript code for the insertion of the BBCode in the textarea control is based on the XForum implementation.

XForum can be found at [http://trollix.com/\(http://trollix.com\)](http://trollix.com/(http://trollix.com)).

5.2. Extra GBOOKv11

Regular Expressions are based on Extra GBOOKv11 by Jeroen Vader (jeroen@tweakzone.nl).

Chapter 6. ChangeLog

6.1. History of Versions

6.1.1. Version 0.1 - 20020810

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