

# Custom Macros

## Overview

Super groups have the ability to create their own custom macros or override any existing macro `[[MacroName(args)]]`.

## Custom Macro Class Structure

```
<?php
/**
 * HUBzero CMS
 *
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 *
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 *
 * @package   hubzero-cms
 * @copyright Copyright 2005-2014 Purdue University. All rights reserved.
 * @license   http://www.gnu.org/licenses/lgpl-3.0.html LGPLv3
 */
```

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```
namespace PluginsContentFormathtmlMacros;

use PluginsContentFormathtmlMacro;

/**
 * Wiki macro class for displaying hello world
 */
class {{macro_name}} extends Macro
{
    /**
     * Returns description of macro, use, and accepted arguments
     *
     * @return array
     */
    public function description()
    {
        $txt = array();
        $txt['html'] = '

Put macro description here...

';
        return $txt['html'];
    }

    /**
     * Generate macro output
     *
     * @return string
     */
    public function render()
    {
        return 'Return any html content you want this macro to render';
    }
}
```

## Overriding Macros

To override a macro, copy the original macro located in `{web_root}/plugins/content/formathtml/macros/` into your groups macro folder `{web_root}/site/groups/{group_id}/macros/`. You can no modify the render functionality, add or

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remove params, etc.

Note: The Macros class name must remain the same and the class must implement a render() method. You are free to add or change other methods.

Note: If the original macro file is located within a subfolder, you must recreate that folder structure in the groups macros folder for the override to work.