

FLOW3 Coding Guidelines on one page



First line: UTF-8 declaration

Second line: Namespace should start with F3 followed by package key (name) and subparts as needed

Use package tag, add @subpackage as needed.

Version tag is a must. Just add it like this, the rest will be done by SVN

License tag is a must.

No empty line between DocComment and class, member var or method.

Indent with tabs.

Use var tag. Optional description goes in the line before.

Param tag: type, name, description.

Multiline conditions: Indent them and add a extra indent to following code. Put the boolean operators at beginning of line.

Return tag with type, even if it is „void“. Only __construct() has no return tag.

Use author tag only for methods or interfaces, not for classes. Add yourself when doing non-trivial changes.

„api“ keywords define public API

„static“ and „abstract“ keywords before the visibility modifier

```
<?php
declare(ENCODING = 'utf-8');
namespace F3\TestPackage;

/*
 * This script belongs to the FLOW3 framework.
 *
 * It is free software; you can redistribute it and/or modify it under
 * the terms of the GNU Lesser General Public License as published by the
 * Free Software Foundation, either version 3 of the License, or (at your
 * option) any later version.
 *
 * This script is distributed in the hope that it will be useful, but
 * WITHOUT ANY WARRANTY; without even the implied warranty of MERCHAN-
 * TABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser
 * General Public License for more details.
 *
 * You should have received a copy of the GNU Lesser General Public
 * License along with the script.
 * If not, see http://www.gnu.org/licenses/lgpl.html
 *
 * The TYPO3 project - inspiring people to share!
 */

/**
 * Fixture class for various unit tests (mainly the package- and component
 * manager)
 *
 * Must not implement the *BasicClassInterface! (See comment there)
 */
@package TestPackage
@version $Id$
@license http://www.gnu.org/licenses/lgpl.html GNU Lesser General Public License, version 3 or later
*/
class UniverseAnalyzer extends \F3\TestPackage\BaseClass implements \F3\TestPackage\SomeInterface {

    /**
     * Some injected dependency
     * @var ArrayObject
     */
    protected $someDependency = NULL;

    /**
     * Shows if you are addicted to FLOW3
     * @var boolean
     */
    protected $addictedToFlow3 = TRUE;

    /**
     * A great method which shows how to indent control structures.
     *
     * @param array $someArray Some array
     * @param \F3\Package\MyClass $object An instance of MyClass
     * @return void
     * @author Robert Lemke <robert@typo3.org>
     */
    public function analyzeUniverse(array $myParameter, \F3\Package\MyClass $object) {
        if (isset($myParameter['question'])
            && $this->answerToEverything === 42
            || count($myParameter) > 3) {
            $this->fanOfFlow3 = TRUE;
        } else {
            throw new \F3\TestPackage\Exception('We cannot tolerate that.', 1223391710);
        }
    }

    /**
     * This is a setter for the fanOfFlow3 property.
     *
     * @param boolean $isFan Pass TRUE to mark a fan, FALSE for a Zend follower
     * @return void
     * @author Robert Lemke <robert@typo3.org>
     * @author Karsten Dambekalns <karsten@typo3.org>
     */
    public function setFanState($isFan) {
        $this->fanOfFlow3 = $isFan;
    }

    /**
     * As simple as it get's - a boolean getter.
     *
     * @return boolean Whether a fan was detected (TRUE) or not (FALSE)
     * @author Karsten Dambekalns <karsten@typo3.org>
     */
    @api
    static public function isFanOfFlow3() {
        return self::$fanOfFlow3;
    }
}
?>
```

File header with license information. See FLOW3 wiki on TYPO3 Forge for some boilerplates.

Description of the class. Make it as long as needed, feel free to explain how to use it.

Use full class name, when you extend or implement; for type hints and documentation.

UpperCamelCase class name. Class names should be nouns. In other packages, refer to using \F3\TestPackage\MyClass.

Description of the method. Make it as long as needed.

Method names should be verbs.

Opening brace on same line with opening token. One space before.

Use type hinting.

Clear message!

UNIX timestamp at time of writing the throw clause.

Setter methods should start with „set“.

Methods returning boolean values should start with „has“ or „is“. Other getters should start with „get“.

Check your code with the FLOW3 Coding Guidelines Validator:
<http://forge.typo3.org/projects/show/package-flow3cgl/>

Also check out the latest documentation:
<http://flow3.typo3.org/documentation/coding-guidelines/>

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