TYPO3 CMS Coding Guidelines on one page

V TYPO3

Namespace. Must start with TYPO3\CMS\ followed by package name and subparts as needed

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Included files. Use absolute paths

Class information block with a description of the class. Make as long as needed, feel free to explain how to use it

Author tag is a must, but only for classes, never for methods

PHP class. Only one per file

Use the var tag, description goes to the same line

Define visibility

Method names in lowerCamelCase. Names use verbs

Indentation with tabs

Syntax of long conditions: Each condition on its own line, the logical operator in front of the next condition

Optional module execution code

Class names in UpperCamelCase. Names use nouns

Use full name when you extend or implement

Opening brace on same line with opening token, one space in between

Clear error messages!

UNIX timestamp from the time of writing the message

```php
<?php
namespace TYPO3\CMS\Core\Database;

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require_once(PATH_typo3 . 'sysext/core/Classes/Database/QueryGenerator.php');

/**
 * Contains the class "DatabaseConnection" with functions for building SQL queries.
 *
 * This class contains functions for building SQL queries and mysqli wrappers,
 * thus providing a foundational API to all database interaction.
 * This class is instantiated globally as $GLOBALS['TYPO3_DB'].
 *
 * @author Your Name <your-mail@example.com>
 */
class DatabaseConnection extends \TYPO3\CMS\Core\Utility {

    /**
     * @var boolean Connect to database port
     */
    protected $databasePort = TRUE;

    /**
     * A great method which shows how to indent control structures.
     *
     * @param array $someArray Some array
     * @return void
     */
    public function analyzeUniverse (array $myParameter) {
        if (
                isset($myParameter['question'])
                && $this->answerToEverything === 42
                || count($myParameter) > 3
        ) {
                $this->fanOfTypo3 = TRUE;
        } else {
                throw new \TYPO3\CMS\Exception('We cannot tolerate that.', 1223391710);
        }
    }
}

$controller = GeneralUtility::makeInstance('DatabaseConnection');
$controller->main();

?>
```