Core - Bug # 53370

Status:	Resolved	**Priority:**	Must have
Author:	Jo Hasenau	**Category:**	Performance
Created:	2013-11-06	**Assigned To:**	Jigal van Hemert
Updated:	2014-12-14	**Due date:**	

TYPO3 Version:	6.2
PHP Version:	5.4
Complexity:	
Is Regression:	No
Sprint Focus:	

Subject:	Cache getPagesTSconfig per ID and rootline

Description

During the discussion of #53368 the idea came up to improve the behaviour of
\TYPO3\CMS\Backend\Utility\BackendUtility::getPagesTSconfig. If a proper memory cache would be used there, the whole parsing
would be done only once per request for a certain page ID and rootline.

Related issues:

related to Core - Bug # 53368: Use getPagesTSconfig($tscPID) only once per ID	**Resolved**	**2013-11-06**
related to Core - Bug # 63629: High memory consumption in BackendUtility::get...	**Resolved**	**2014-12-06**

History

#1 - 2013-11-06 17:54 - Jo Hasenau

```
static public function getPagesTSconfig($id, $rootLine = '', $returnPartArray = 0) {
    $id = intval($id);
    if (!is_array($rootLine)) {
        $rootLine = self::BEgetRootLine($id, '', TRUE);
    }
    // Order correctly
    ksort($rootLine);
    $TSdataArray = array();
    // Setting default configuration
    $TSdataArray['defaultPageTSconfig'] = $GLOBALS['TYPO3_CONF_VARS']['BE']['defaultPageTSconfig'];
    foreach ($rootLine as $k => $v) {
        $TSdataArray['uid_' . $v['uid']] = $v['TSconfig'];
    }
    $TSdataArray = TypoScriptParser::checkIncludeLines_array($TSdataArray);
    if ($returnPartArray) {
        return $TSdataArray;
    }
    // Parsing the page TS-Config
    $pageTS = implode(LF . '[GLOBAL]' . LF, $TSdataArray);
    /* @var $parseObj \TYPO3\CMS\Backend\Configuration\TsConfigParser */
    $parseObj = GeneralUtility::makeInstance('TYPO3\\CMS\\Backend\\Configuration\\TsConfigParser');
    $res = $parseObj->parseTSconfig($pageTS, 'PAGES', $id, $rootLine);
    if ($res) {
        $TSconfig = $res['TSconfig'];
    }
    // Get User TSconfig overlay
    $userTSconfig = $GLOBALS['BE_USER']->userTS['page.'];
```

```
    if (is_array($userTSconfig)) {
        $TSconfig = GeneralUtility::array_merge_recursive_overrule($TSconfig, $userTSconfig);
    }
    return $TSconfig;
}
```

While parseTSconfig already should make use of a cache, which is not working properly at the moment, we could still improve this method by creating TSconfig only once per request. This does not have to make use of the fully fledged caching framework but could use a variable to return it early.

This way we could get rid of having to do array_merge_recursive_overrule umpteen times during a single request.

#2 - 2013-11-06 18:31 - Georg Ringer

- Subject changed from Cahe getPagesTSconfig per ID and rootline to Cache getPagesTSconfig per ID and rootline

#3 - 2014-12-14 22:19 - Georg Ringer

- Status changed from New to Resolved

resolved with #63629