Core - Bug # 39287

Status:	Resolved	**Priority:**	Should have
Author:	Stephan Großberndt	**Category:**	
Created:	2012-07-26	**Assigned To:**	
Updated:	2014-04-21	**Due date:**	
TYPO3 Version:	4.7		
PHP Version:	5.3		
Complexity:			
Is Regression:	No		
Sprint Focus:			
Subject:	get_html_translation_table expects at most 2 parameters, 3 given		

Description

When converting the encoding of a string an error message is added to the log:

> Core: Error handler (FE): PHP Warning: get_html_translation_table() expects at most 2 parameters, 3 given in /xxxxxx/typo3/typo3_src-4.7.2/t3lib/class.t3lib_cs.php line 819

This happens because the encoding 'UTF-8' is given as third parameter, but this parameter has been added with PHP 5.3.4 [http://php.net/manual/en/function.get-html-translation-table.php#refsect1-function.get-html-translation-table-changelog].

The TYPO3 page [https://typo3.org/download/] states 5.3.x as required PHP version.

Since for Debian Squeeze only 5.3.3 is available, please add a workaround for 5.3.x versions older than 5.3.4.

Related issues:			
related to Core - Task # 34094: Change fallbacks to iso-8859-1 to utf-8	**Resolved**	**2012-02-20**	**2012-02-20**

Associated revisions

Revision 5aff2a57 - 2012-12-04 12:38 - Michael Stucki

[BUGFIX] Compatibility fix for get_html_translation_table()

t3lib_cs::entities_to_utf8() triggers a PHP warning on versions
lower than 5.3.4 because too many parameters were given.
See http://php.net/manual/en/function.get-html-translation-table.php

Change-Id: Ic302f2b8c2902ec8685dfb2d974273071bbbdcb7
Fixes: #39287
Releases: 6.0, 4.7
Reviewed-on: http://review.typo3.org/13504
Reviewed-by: Ernesto Baschny
Tested-by: Ernesto Baschny
Reviewed-by: Dmitry Dulepov
Tested-by: Dmitry Dulepov

Revision 082fd0ce - 2012-12-06 15:25 - Michael Stucki

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t3lib_cs::entities_to_utf8() triggers a PHP warning on versions
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See http://php.net/manual/en/function.get-html-translation-table.php

Change-Id: I1aa11c98f2418d6dab332676f50a5229b04b895e
Fixes: #39287
Releases: 6.0, 4.7
Reviewed-on: http://review.typo3.org/16949
Reviewed-by: Dmitry Dulepov
Tested-by: Dmitry Dulepov
Reviewed-by: Michael Stucki
Tested-by: Michael Stucki

Revision f3ca97c8 - 2013-01-30 00:20 - Michael Stucki

[BUGFIX] Compatibility fix for get_html_translation_table()

t3lib_cs::entities_to_utf8() triggers a PHP warning on versions
lower than 5.3.4 because too many parameters were given.
See http://php.net/manual/en/function.get-html-translation-table.php

Change-Id: Ic302f2b8c2902ec8685dfb2d974273071bbbdcb7
Fixes: #39287
Releases: 6.0, 4.7
Reviewed-on: https://review.typo3.org/17180
Reviewed-by: Michael Stucki
Tested-by: Michael Stucki

History

#1 - 2012-07-26 14:49 - Stephan Großberndt

Workaround:

The lines

```
function entities_to_utf8($str, $alsoStdHtmlEnt = FALSE) {
    if ($alsoStdHtmlEnt) {
        $trans_tbl = array_flip(get_html_translation_table(HTML_ENTITIES, ENT_COMPAT, 'UTF-8'));
    }
```

have to be replaced with

```
function entities_to_utf8($str, $alsoStdHtmlEnt = FALSE) {
    if ($alsoStdHtmlEnt) {
        if (version_compare(PHP_VERSION, '5.3.4') >= 0) {
            $trans_tbl = array_flip(get_html_translation_table(HTML_ENTITIES, ENT_COMPAT, 'UTF-8'));
        } else {
```

```
                $trans_tbl = array_flip(get_html_translation_table(HTML_ENTITIES, ENT_COMPAT));
            if (!empty($trans_tbl)) {
                foreach ($trans_tbl as $key => $entry) {
                    $trans_tbl[$key] = utf8_encode($entry);
                }
            }
        }
    }
}
```

#2 - 2012-08-07 19:18 - Gerrit Code Review

- Status changed from New to Under Review

Patch set 1 for branch **master** has been pushed to the review server.

It is available at http://review.typo3.org/13504

#3 - 2012-08-07 19:21 - Gerrit Code Review

Patch set 2 for branch **master** has been pushed to the review server.

It is available at http://review.typo3.org/13504

#4 - 2012-08-07 20:44 - Gerrit Code Review

Patch set 3 for branch **master** has been pushed to the review server.

It is available at http://review.typo3.org/13504

#5 - 2012-08-07 20:47 - Gerrit Code Review

Patch set 4 for branch **master** has been pushed to the review server.

It is available at http://review.typo3.org/13504

#6 - 2012-11-27 01:13 - Gerrit Code Review

Patch set 5 for branch **master** has been pushed to the review server.

It is available at http://review.typo3.org/13504

#7 - 2012-11-27 10:21 - Ernesto Baschny

The effect of this bug are warnings like these in the log (since TYPO3 4.7):

Core: Error handler (FE): PHP Warning: array_flip() expects parameter 1 to be array, null given in /.../typo3_src/t3lib/class.t3lib_cs.php line 819

Core: Error handler (FE): PHP Warning: get_html_translation_table() expects at most 2 parameters, 3 given in /.../typo3_src/t3lib/class.t3lib_cs.php line 819

This happens for example when Indexed Search is indexing a page (in the frontend).

Fix solves it (at least in my test 4.7 environment). Will review it...

#8 - 2012-11-27 11:24 - Gerrit Code Review

Patch set 1 for branch **TYPO3_4-7** has been pushed to the review server.
It is available at http://review.typo3.org/16790

#9 - 2012-11-27 11:26 - Ernesto Baschny

I reviewed positively the master patch. I just didn't merge it yet because of the 6.0.0 release merge freeze, so I will ask Helmut if it's ok to do it anyway.

I already prepared a 4.7 backported patch (no cherry-picking possible because of different class names) and pushed it to gerrit. Since the code at this place didn't change between the versions (except the class name), I would merge it as "already reviewed and verified in upper version". No side-effects expected.

#10 - 2012-12-04 12:53 - Gerrit Code Review

Patch set 1 for branch **TYPO3_4-7** has been pushed to the review server.
It is available at http://review.typo3.org/16949

#11 - 2012-12-04 13:30 - Michael Stucki
- Status changed from Under Review to Resolved
- % Done changed from 0 to 100

Applied in changeset commit:5aff2a5776084284fadbc65417c66290a7314b82.

#12 - 2014-04-21 18:55 - Oliver Hader
- Is Regression set to No

Note: This change has been removed again in TYPO3 CMS 6.2 with commit:bb49c3363910ee9b15b4f29f37b0f5bf83d6a041
I've added a work-around to this abandoned change set in case one is still running PHP 5.3.3: https://review.typo3.org/#/c/29593/