

TYPO3 Core - Bug #66793

Epic # 77562 (Accepted): Misbehaviors with datetime values and timezones

"simulate time" in admin-panel does not respect timezone

2015-05-05 09:54 - Sybille Peters

Status:	Closed	Start date:	2015-05-05
Priority:	Should have	Due date:	
Assignee:		% Done:	100%
Category:	Frontend	Estimated time:	0.00 hour
Target version:		Complexity:	
TYPO3 Version:	6.2	Is Regression:	No
PHP Version:		Sprint Focus:	
Tags:			

Description

The entered time in the text field "simulate time" is evaluated as UTC / GMT even though a different timezone is set on client + server machine (CEST / "Europe/Berlin").

This problem exists in 4.5.40 and 6.2.12.

More info:

php.ini:

```
date.timezone = "Europe/Berlin"
```

System timezone: CEST

LocalConfiguration.php:

```
'phpTimeZone' => 'Europe/Berlin',  
'serverTimeZone' => '2',
```

reproduce

1. Set allowed time from 9:00 to 10:00 for a page (e.g. 9:00 5-5-2015)
2. Enter 7:18 in "simulate time" in admin panel

Result

Allowed content (9:00 to 10:00) is displayed for entered time of 7:18 > not correct

conclusion:

"simulate time" in admin-panel is evaluated as UTC (it does not use current timezone)

Test

entered time for content: 6:00 - 9:00

entered time in "simulate time" in admin panel:

3:00 : content not visible
4:00 : content visisble
5:00 : content visible
6:00 : content visible
6:59 : content visisble

7:00 : content not visisble

+2 hours offset

Related issues:

Related to TYPO3 Core - Feature #80559: datetime and time handling should alw...	Closed	2017-03-29
Related to TYPO3 Core - Bug #27919: Preview in Admin Panel does not handle Ti...	Closed	2011-07-06
Related to TYPO3 Core - Epic #84044: Admin Panel Rework	Closed	2010-08-11
Related to TYPO3 Core - Feature #85021: Add hint for entering date/time in "s...	Closed	2018-05-16
Related to TYPO3 Core - Feature #84584: Re-Design the admin panel	Closed	2018-04-03

Associated revisions

Revision ec512770 - 2018-05-30 10:39 - Tizian Schmidlin

[BUGFIX] Ignore timezone for admin panel simulated time

By default, the simulated time of the admin panel does not take the server timezone into account. This leads to several issues described in the Forge ticket.

This fix makes sure that the timezone is removed from the users passed value from the admin panel.

Since the admin panel was reworked in TYPO3 9, this patch does not apply to master.

Resolves: #66793

Releases: 8.7, 7.6

Change-Id: Ifd86a5f78c10cec54a9fbc4210fd8a68c2be7d6f

Reviewed-on: <https://review.typo3.org/57080>

Tested-by: TYPO3com <no-reply@typo3.com>

Reviewed-by: Wouter Wolters <typo3@wouterwolters.nl>

Reviewed-by: Sybille Peters <sypets@gmx.de>

Tested-by: Sybille Peters <sypets@gmx.de>

Reviewed-by: Mathias Brodala <mbrodala@pagemachine.de>

Tested-by: Mathias Brodala <mbrodala@pagemachine.de>

History

#1 - 2016-09-15 13:52 - Tizian Schmidlin

- Priority changed from Should have to Must have

Can absolutely reproduce on 100% of our servers.

Here's how I'd patch it:

TYPO3 6.2

File: typo3/sysex/frontend/Classes/Controller/TypoScriptFrontendController.php

Line: 1339

From

```
$simTime = $GLOBALS['BE_USER']->adminPanel->extGetFeAdminValue('preview', 'simulateDate');
```

To

```
$simTime = $GLOBALS['BE_USER']->adminPanel->extGetFeAdminValue('preview', 'simulateDate') - date('Z', $GLOBALS['BE_USER']->adminPanel->extGetFeAdminValue('preview', 'simulateDate'));
```

This would solve the issue.

Regards

Tizian

EDIT: Patch:

Date: Thu, 15 Sep 2016 13:54:40 +0200

Subject: [PATCH] Fixed simulate date that is off by the timezone

```
.../frontend/Classes/Controller/TypoScriptFrontendController.php | 3 +--
```

1 file changed, 1 insertion(+), 2 deletions(-)

```
diff --git a/typo3_src-6.2.19/typo3/sysex/typo3/frontend/Classes/Controller/TypoScriptFrontendController.php b/typo3_src-6.2.19/typo3/sysex/typo3/frontend/Classes/Controller/TypoScriptFrontendController.php
index 8129870..bcc2a7f 100644
--- a/typo3_src-6.2.19/typo3/sysex/typo3/frontend/Classes/Controller/TypoScriptFrontendController.php
+++ b/typo3_src-6.2.19/typo3/sysex/typo3/frontend/Classes/Controller/TypoScriptFrontendController.php
@@ -1336,8 +1336,7 @@ class TypoScriptFrontendController {
        $this->showHiddenPage = (bool)$GLOBALS['BE_USER']->adminPanel->extGetFeAdminValue('preview', 'showHiddenPages');
        $this->showHiddenRecords = (bool)$GLOBALS['BE_USER']->adminPanel->extGetFeAdminValue('preview', 'showHiddenRecords');
        // Simulate date
-        $simTime = $GLOBALS['BE_USER']->adminPanel->extGetFeAdminValue('preview', 'simulateDate');
+        $simTime = $GLOBALS['BE_USER']->adminPanel->extGetFeAdminValue('preview', 'simulateDate') - date('Z', $GLOBALS['BE_USER']->adminPanel->extGetFeAdminValue('preview', 'simulateDate'));
    }
    if ($simTime) {
        $GLOBALS['SIM_EXEC_TIME'] = $simTime;
        $GLOBALS['SIM_ACCESS_TIME'] = $simTime - $simTime % 60;
    }
}
--
1.9.1
```

#2 - 2017-04-15 00:52 - Mona Muzaffar

- Related to Epic #80852: Datetime handling in backend added

#3 - 2017-05-10 21:59 - Riccardo De Contardi

- Related to Bug #27919: Preview in Admin Panel does not handle Timezone correctly added

#4 - 2017-06-06 19:26 - Markus Klein

- Parent task set to #77562

#5 - 2017-06-07 13:04 - Riccardo De Contardi

- Related to deleted (Epic #80852: Datetime handling in backend)

#6 - 2017-11-25 23:01 - Sybille Peters

- Description updated

#7 - 2018-03-11 13:33 - Riccardo De Contardi

- Related to Epic #84044: Admin Panel Rework added

#8 - 2018-03-15 11:17 - Sybille Peters

- Priority changed from Must have to Should have

#9 - 2018-05-16 11:45 - Sybille Peters

- Related to Feature #85021: Add hint for entering date/time in "simulate time" text field in admin panel added

#10 - 2018-05-28 17:20 - Tizian Schmidlin

Can we expect a bugfix in current LTS versions or should we rely on self-patching?

#11 - 2018-05-28 20:02 - Sybille Peters

A coredev would have to answer that.

However, unofficially, if it really is a minor change with no side-effects (looks like it from what you wrote), we might be able to get it merged in (for 8.x) if someone uploads a patch.

Since you already did the research, do you want to do that?

I am not sure, if you contributed to the core yet.

Look at the contribution guide for a tutorial: <https://docs.typo3.org/typo3cms/ContributionWorkflowGuide/>

If your fix still works, but core contribution is too much hassle for you right now, let me know. I might be able to help (meaning I can upload the patch

or answer questions).

Hint: If you get stuck anywhere, ask on Slack in the #typo3-cms-coredev channel. You can register in the TYPO3 slack workspace here: <https://forger.typo3.com/slack>

#12 - 2018-05-28 23:08 - Sybille Peters

Ok, the code for 9.x is now in a sysext 'adminpanel', for 8.x it's not.

#13 - 2018-05-29 11:08 - Tizian Schmidlin

I'll make a PR for this to happen in 8.7 too

#14 - 2018-05-29 11:36 - Gerrit Code Review

- *Status changed from New to Under Review*

Patch set 1 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/57079>

#15 - 2018-05-29 11:43 - Gerrit Code Review

Patch set 1 for branch **TYPO3_8-7** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/57080>

#16 - 2018-05-29 14:40 - Gerrit Code Review

Patch set 2 for branch **TYPO3_8-7** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/57080>

#17 - 2018-05-30 09:40 - Gerrit Code Review

Patch set 3 for branch **TYPO3_8-7** of project **Packages/TYPO3.CMS** has been pushed to the review server. It is available at <https://review.typo3.org/57080>

#18 - 2018-05-30 11:00 - Tizian Schmidlin

- *Status changed from Under Review to Resolved*

- *% Done changed from 0 to 100*

Applied in changeset [ec512770c63a74aed6abac7c02ca7b6ad6b21e9e](https://review.typo3.org/57080).

#19 - 2018-05-30 11:47 - Sybille Peters

Fixed for TYPO3 8.

For 9, the adminpanel is currently being refactored. I can't open it in TYPO3 version 9 latest master at all so can't test if the bug reappears in 9. Let's assume, all is good.

#20 - 2018-07-29 13:24 - Susanne Moog

- *Related to Feature #84584: Re-Design the admin panel added*

#21 - 2018-10-02 11:44 - Benni Mack

- *Status changed from Resolved to Closed*