

TYPO3 Core - Bug #73871

Problem with date Field

2016-03-02 14:53 - Juraj Sulek

| | |
|------------------------------|----------------------------------|
| Status: Closed | Start date: 2016-03-02 |
| Priority: Should have | Due date: |
| Assignee: | % Done: 100% |
| Category: | Estimated time: 0.00 hour |
| Target version: | Complexity: |
| TYPO3 Version: 7 | Is Regression: No |
| PHP Version: | Sprint Focus: |
| Tags: | |

Description

We have discovered one bug with date field

sql:
birthday date DEFAULT '0000-00-00',

```
TCA:
'birthday' => array(
'exclude' => 1,
'label' => 'Birthday',
'config' => array(
'dbType' => 'date',
'type' => 'input',
'size' => 7,
'eval' => 'date',
'checkbox' => 0,
'default' => '0000-00-00'
),
),
```

if the date in the field is bigger then 1.1.1970 all works fine. But if the date ist lower for example 1.1.1969. This happens:
- FE shows 1.1.1969 - OK
- BE list-view shows 1.1.1969 - OK
but if the record is open for editing the field is filled with date -1 DAY - in this case the date 31.12.1968

Related issues:

| | | |
|--|---------------|-------------------|
| Related to TYPO3 Core - Bug #69290: Dates get reduced by a day if before 1970 | Closed | 2015-08-24 |
| Related to TYPO3 Core - Bug #37244: TCA date evaluation for dates lower 01-01... | Closed | 2012-05-17 |

Associated revisions

Revision 41b350dc - 2016-03-05 15:10 - Daniel Maier

[BUGFIX] Fix date conversion of neg timestamps

Date conversion of TCA fields with eval "date" or "datetime" is now also handled correctly for dates before 1970, thus having a negative timestamp. Timezone offset is now also applied for those negative timestamps, in order to prevent erroneous data for dates before 1970.

Furthermore validation handling for dates with zero timestamp (01.01.1970 midnight UTC) is fixed.

Resolves: #73871
Releases: master, 7.6
Change-Id: Iffa2f12c6941fe17b956202fe9c49f811b1b0539
Reviewed-on: <https://review.typo3.org/47025>
Reviewed-by: Andreas Wolf <andreas.wolf@typo3.org>
Tested-by: Andreas Wolf <andreas.wolf@typo3.org>
Reviewed-by: Christian Kuhn <lolli@schwarzbu.ch>
Tested-by: Christian Kuhn <lolli@schwarzbu.ch>

Revision 7090d9b6 - 2016-03-05 20:21 - Daniel Maier

[BUGFIX] Fix date conversion of neg timestamps

Date conversion of TCA fields with eval "date" or "datetime" is now also handled correctly for dates before 1970, thus having a negative timestamp. Timezone offset is now also applied for those negative timestamps, in order to prevent erroneous data for dates before 1970.

Resolves: #73871

Releases: master, 7.6

Change-Id: I4de9911dec3de720992da137fe8afcb3ecbfdad7

Reviewed-on: <https://review.typo3.org/47115>

Reviewed-by: Christian Kuhn <lolli@schwarzbu.ch>

Tested-by: Christian Kuhn <lolli@schwarzbu.ch>

Reviewed-by: Andreas Wolf <andreas.wolf@typo3.org>

Tested-by: Andreas Wolf <andreas.wolf@typo3.org>

Revision a37f6161 - 2016-03-06 01:43 - Daniel Maier

[BUGFIX] Fix date conversion of neg timestamps

Date conversion of TCA fields with eval "date" or "datetime" is now also handled correctly for dates before 1970, thus having a negative timestamp. Timezone offset is now also applied for those negative timestamps, in order to prevent erroneous data for dates before 1970.

Resolves: #73871

Releases: master, 7.6

Change-Id: I4de9911dec3de720992da137fe8afcb3ecbfdad7

Reviewed-on: <https://review.typo3.org/47115>

Reviewed-by: Christian Kuhn <lolli@schwarzbu.ch>

Tested-by: Christian Kuhn <lolli@schwarzbu.ch>

Reviewed-by: Andreas Wolf <andreas.wolf@typo3.org>

Tested-by: Andreas Wolf <andreas.wolf@typo3.org>

(cherry picked from commit 7090d9b67735ba10ca3d2e024cb376b991e26366)

Reviewed-on: <https://review.typo3.org/47117>

History

#1 - 2016-03-03 21:02 - Daniel Maier

- Status changed from New to Accepted

Conversion from Date to Timestamp and back does not work correct in this case (first conversion (on php-side) is done with configured phpTimeZone, the second one (on js-side) with UTC).

Can be reproduced using input_36 of styleguide-extension. Select a date lower to 1970 here (e.g. 31-12-1969). Each time the form is saved, the date is reduced by one day (e.g. 30-12-1969, next 29-12-1969, next 28-12-1969, and so on).

If date is set to 01-01-1970, no value is shown in the FormEngine.

#2 - 2016-03-03 21:18 - Gerrit Code Review

- Status changed from Accepted 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/47025>

#3 - 2016-03-04 14:38 - Christian Kuhn

input_36 and input_37 were added to tx_styleguide_elements of ext:styleguide to better test this.

#4 - 2016-03-04 14:52 - Gerrit Code Review

Patch set 2 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <https://review.typo3.org/47025>

#5 - 2016-03-04 16:18 - Gerrit Code Review

Patch set 3 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.

It is available at <https://review.typo3.org/47025>

#6 - 2016-03-04 18:05 - Gerrit Code Review

Patch set 4 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/47025>

#7 - 2016-03-05 12:44 - Gerrit Code Review

Patch set 5 for branch **master** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/47025>

#8 - 2016-03-05 15:18 - Gerrit Code Review

Patch set 1 for branch **TYPO3_7-6** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/47099>

#9 - 2016-03-05 15:20 - Daniel Maier

- Status changed from *Under Review* to *Resolved*
- % Done changed from 0 to 100

Applied in changeset [41b350dc84876c282a7309911287622591b05995](#).

#10 - 2016-03-05 17:22 - Christian Kuhn

- Status changed from *Resolved* to *New*

patch was reverted - still working on it.

#11 - 2016-03-05 19:57 - 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/47115>

#12 - 2016-03-05 20:24 - Daniel Maier

- Status changed from *Under Review* to *Resolved*

Applied in changeset [7090d9b67735ba10ca3d2e024cb376b991e26366](#).

#13 - 2016-03-05 20:24 - Gerrit Code Review

- Status changed from *Resolved* to *Under Review*

Patch set 1 for branch **TYPO3_7-6** of project **Packages/TYPO3.CMS** has been pushed to the review server.
It is available at <https://review.typo3.org/47117>

#14 - 2016-03-06 01:47 - Daniel Maier

- Status changed from *Under Review* to *Resolved*

Applied in changeset [a37f61614f1b5233401c80a0fe699b5a817ade76](#).

#15 - 2018-10-02 11:18 - Benni Mack

- Status changed from *Resolved* to *Closed*