
Subject: Convert date ccyy-mm-dd to dd.mm.ccyy
Posted by [htManager](#) on Wed, 08 Jun 2016 09:18:22 GMT
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If I print a pdf report I make changes in \$fieldarray as mentioned in post screen/report - concat fields in function _cm_post_fetchRow (\$fieldarray). The date in \$fieldarray['training_datum'] is shown in format ccyy-mm-dd. With the following code I want to change this but:

```
$css_array[0] = 'ddmmccyy';  
$fieldarray['training_datum'] = $this->formatData($fieldarray['training_datum'], $css_array);
```

Is this the right way?

Subject: Re: Convert date ccyy-mm-dd to dd.mm.ccyy
Posted by [AJM](#) on Wed, 08 Jun 2016 13:35:16 GMT
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No. The \$css_array argument allows for additional CSS classes to be defined for a field. This allows changes to the size, font and colour of the field but does NOT alter the contents of the field.

I suggest you take a look at FAQ13 and \$GLOBALS['date_format']

Subject: Re: Convert date ccyy-mm-dd to dd.mm.ccyy
Posted by [htManager](#) on Wed, 08 Jun 2016 14:16:31 GMT
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In the config.inc the \$GLOBALS['date_format'] is set to 'dmy'. The language input/output date format is set to 'dd.mm.yyyy'. Even in _cm_post_fetchRow the \$GLOBALS['date_format'] is 'dmy'. Can it be that the formatting to 'dmy' will be done in a later step/function?

Subject: Re: Convert date ccyy-mm-dd to dd.mm.ccyy
Posted by [AJM](#) on Thu, 09 Jun 2016 09:05:31 GMT
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If you look at the formatData() method inside std.table.class.inc you will see that it can only format date fields if those fields have entries in the \$fieldspec array which identifies them as having a type of 'date' or 'datetime'. If your output contains a field which does not have an entry in the \$fieldspec array then it cannot be formatted and will be output as-is. You can fix this by manually updating the \$fieldspec array in the _cm_changeConfig() method.

Subject: Re: Convert date ccyy-mm-dd to dd.mm.ccyy
Posted by [htManager](#) on Thu, 09 Jun 2016 15:26:17 GMT
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I checked the type in `_cm_change_config()`. The fieldspec is 'date'.

What is the correct code in `_cm_post_fetchRow()` to call `formatDate()` in `std.table.inc`?

Is it: `$fieldarray['training_datum'] = $this->formatData($fieldarray['training_datum']);`

Does the `formatDate()` method automatically recognize the user settings in `config.inc` or in `Menu System/languages`? Or do I have to tell the `formatDate()` the output formatting?

Subject: Re: Convert date ccyy-mm-dd to dd.mm.ccyy
Posted by [AJM](#) on Fri, 10 Jun 2016 08:46:46 GMT
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You need to step through with your debugger to see what is happening when the `formatData()` method inside `std.table.class.inc` is called. You will see where it formats dates using `$_SESSION['date_format_output']` which is set when passing through the logon screen.

Subject: Re: Convert date ccyy-mm-dd to dd.mm.ccyy
Posted by [htManager](#) on Fri, 10 Jun 2016 14:38:48 GMT
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As far as I can see is the date formatted correctly until `$fieldarray` comes to `std.pdf.class.inc.PDF->outputPDF_DetailView()` line 1692 and `std.pdf.class.inc.PDF->DetailView()` line 283. In `$fieldarray_formatted` you can see the internal date format again.

Subject: Re: Convert date ccyy-mm-dd to dd.mm.ccyy
Posted by [AJM](#) on Sat, 11 Jun 2016 09:22:53 GMT
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In my prototype XAMPLE application, which is available in the online demo, I go to `PROTO->Example->Person`, select an entry and press the 'Output to PDF (D)' button and this runs through the code which you say is at fault. Line 279 contains the call to `$dbobject->formatData(fieldarray)`. Before the call the value of `START_DATE` is in the format 'ccyy-mm-dd' and afterwards it is 'dd Mmm ccyy'. It appears in the PDF output as 'dd Mmm ccyy' so I can see nothing wrong.

Subject: Re: Convert date ccyy-mm-dd to dd.mm.ccyy
Posted by [htManager](#) on Tue, 14 Jun 2016 07:58:48 GMT

You are right. There is no fault. If I output %%date_field in report.inc, everything is fine.

I get this problem, if I calculate an additional \$fieldarray entry in _cm_post_fetchRow(\$fieldarray) in my class file with the following code:

```
$fieldarray['datum_output'] = 'Trainingsplan: ' . $fieldarray['training_datum'];
```

In this case the report shows: Trainingsplan: 2016-07-09

How can I get the formatted date at this point? Or do I have the possibility to calculate the \$fieldarray entry at a later stage?

Subject: Re: Convert date ccyy-mm-dd to dd.mm.ccyy
Posted by [AJM](#) on Tue, 14 Jun 2016 08:23:52 GMT

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If you have created a new field in \$fieldarray which does not have an entry in \$this->fieldspec then the framework does not know what type it is, therefore cannot format it. You can correct this by adding an entry to \$this->fieldspec in the _cm_changeConfig() method.

However, if the field is a concatenation of a string and a date then it cannot be formatted by the framework as it is a mixture of types. In this case you will have to format the date yourself before you append it to the string using the getExternalDate function.

Subject: Re: Convert date ccyy-mm-dd to dd.mm.ccyy
Posted by [htManager](#) on Tue, 14 Jun 2016 09:46:17 GMT

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Thank you very much. This is what I wanted. Works fine now.
