Date recognition problem

I have a date recognition issue on QlikSense when I connect my app to the GDMS + database. I don't have the small calendar logo on my original_creation_date field unlike my other dates fields which means that the field is not recognized as a date. So this poses problems for me when it comes to making graphics. I saw with the data administrator of the GDMS + database that there is no problem concerning the dates.

I have already consulted almost all the posts concerning dates on the internet and in the Qlik community to which I posted a publication 6 months ago to which no one was able to respond. None of the posts clearly answer my problem or they are too complicated solutions that are beyond my Qlik skills and are not too detailed to be able to carry out the maneuver. All that is to write scripts in the Load Script will prevent me from using my dashboard properly since once the load script has been touched we can no longer create indicators or graphs only with clicks (which is a bit difficult). goal of QlikSense) but we will have to do them via script so I would like to avoid this solution unless it is the only one.

What I want is to have my date fields in AutoCalendar on QlikSense. As we can see in the screenshot below, some of my fields are indeed in autoCalendar which allows me to select the day, month, year, semester, etc. of that date.

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Create new dimensions

○ Single   ○ Drill-down

Filter by table

All tables ▼

🔍 Search

OBJECT_NAME

📅 R_CREATION_DATE

Year   ✓

Quarter

YearQuarter

Month

YearMonth

Week

Date

InYTD

Field

R_CREATION_DATE.autoCalendar.Year... ✖   *fx*

Name

R_CREATION_DATE.YearQuarter

Label expression

_____   *fx*

Description
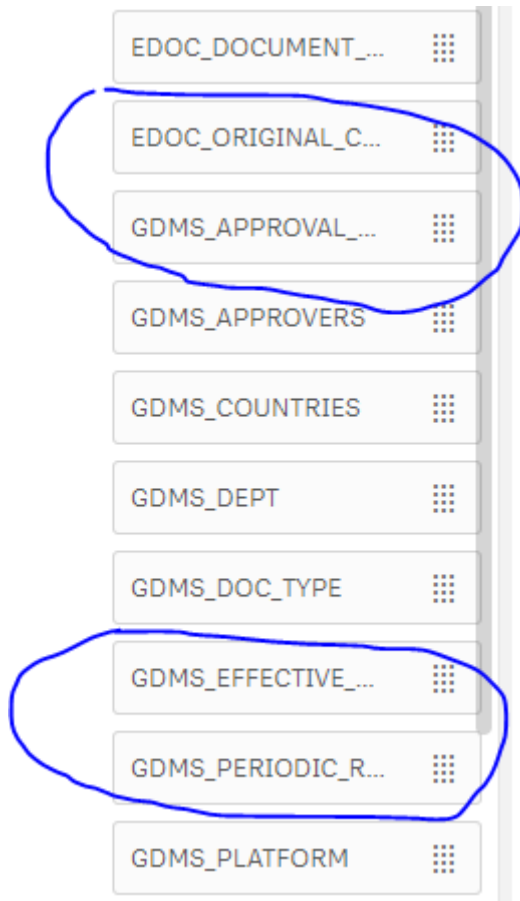
_____   *fx*

Dimension color

▱ ▼

Tags

_____   ⊕

Create

Close

However, on some fields there is no this logo which means that it is in autoCalendar. I observed the data in the Data Manager tables and noticed that their format was not dated.

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As we can see in the screenshot below, the r_creation_date field is indeed in autoCalendar because it is recognized as a Timestamp variable unlike the right variable which has no format (it can be recognized in text as you said in your email but that would surprise me since it is many dates that we see there). The problem is that it is strange we find dates "1/1/0001" and all at "12:00:00 AM" which does not exist in the GDMS + database. Which leads me to believe that Qlik misinterpreted the data.

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R_CREATION_DATE	EDOC_ORIGINAL_CRE...
12/28/2015 3:35:15 PM	1/1/0001 12:00:00 AM
12/28/2015 4:36:57 PM	1/1/0001 12:00:00 AM
12/29/2015 12:03:19 PM	1/1/0001 12:00:00 AM
12/29/2015 4:33:22 PM	1/1/0001 12:00:00 AM
12/29/2015 7:03:14 PM	1/1/0001 12:00:00 AM
12/31/2015 4:48:24 AM	1/1/0001 12:00:00 AM
1/1/2016 1:31:32 AM	1/1/0001 12:00:00 AM
1/1/2016 9:18:12 AM	1/1/0001 12:00:00 AM
1/1/2016 4:19:06 PM	1/1/0001 12:00:00 AM
1/1/2016 10:00:58 PM	1/1/0001 12:00:00 AM
1/2/2016 5:32:40 AM	1/1/0001 12:00:00 AM
1/2/2016 5:40:17 AM	1/1/0001 12:00:00 AM
1/2/2016 11:25:02 AM	1/1/0001 12:00:00 AM

However, when I click to change the interpretation format and put it in Timestamp, I am asked for an input format and a display format, but I don't know what the input format is? How can I find out?

So I tried MM / DD / YYYY but it still does not work and it replaces my data with dashes ...

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Field type

Timestamp ▼

Input format

▼

Display format

▼

Cancel   OK

R_CREATION_DATE	EDOC_ORIG...
12/28/2015 3:35:15 PM	-
12/28/2015 4:36:57 PM	-
12/29/2015 12:03:19 PM	-
12/29/2015 4:33:22 PM	-
12/29/2015 7:03:14 PM	-
12/31/2015 4:48:24 AM	-
1/1/2016 1:31:32 AM	-
1/1/2016 9:18:12 AM	-
1/1/2016 4:19:06 PM	-
1/1/2016 10:00:58 PM	-
1/2/2016 5:32:40 AM	-
1/2/2016 5:40:17 AM	-
1/2/2016 11:25:02 AM	-

I found the input format for these dates: M / D / YYYY h: mm: ss [.fff] TT. By changing the field type in the data manager with the display format: M / D / YYYY.

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| R_CREATION			DMS_EFFE...	R_MODIFY_DATE	GDMS_PERI...
12/28/20	**Field type**		1/1/0001	12/28/2015 3:35:15 PM	1/1/0001
12/28/20	Date ▾		1/1/0001	12/28/2015 4:36:57 PM	1/1/0001
12/29/201	**Input format**		1/1/0001	12/29/2015 12:03:19 PM	1/1/0001
12/29/20	M/D/YYYY h:mm:ss[.fff] TT ▾		1/1/0001	12/29/2015 4:33:22 PM	1/1/0001
12/29/20			1/1/0001	12/29/2015 7:03:14 PM	1/1/0001
12/31/20	**Display format**		1/1/0001	12/31/2015 4:48:24 AM	1/1/0001
1/1/20	M/D/YYYY ▾		1/1/0001	1/1/2016 1:31:32 AM	1/1/0001
1/1/20			1/1/0001	1/1/2016 9:18:12 AM	1/1/0001
1/1/20	Cancel	OK	1/1/0001	1/1/2016 4:19:06 PM	1/1/0001
1/1/2016 10:00:58 PM	1/1/0001	-	1/1/0001	1/1/2016 10:00:58 PM	1/1/0001
1/2/2016 5:32:40 AM	1/1/0001	-	1/1/0001	1/2/2016 5:32:40 AM	1/1/0001
1/2/2016 5:40:17 AM	1/1/0001	-	1/1/0001	1/2/2016 5:40:17 AM	1/1/0001
1/2/2016 11:25:02 AM	1/1/0001	-	1/1/0001	1/2/2016 11:25:02 AM	1/1/0001

I managed to see small arrows in my fields as if they were dates in AutoCalendar. As you can see in the screenshot it still lacks the calendar logo like the variables that are actually in autoCalendar so I thought that was not going to work.

Indeed, I tried to choose any of the fields eg "Year" of the PERIODIC_REVIEW_DATE variable and display it in a table.

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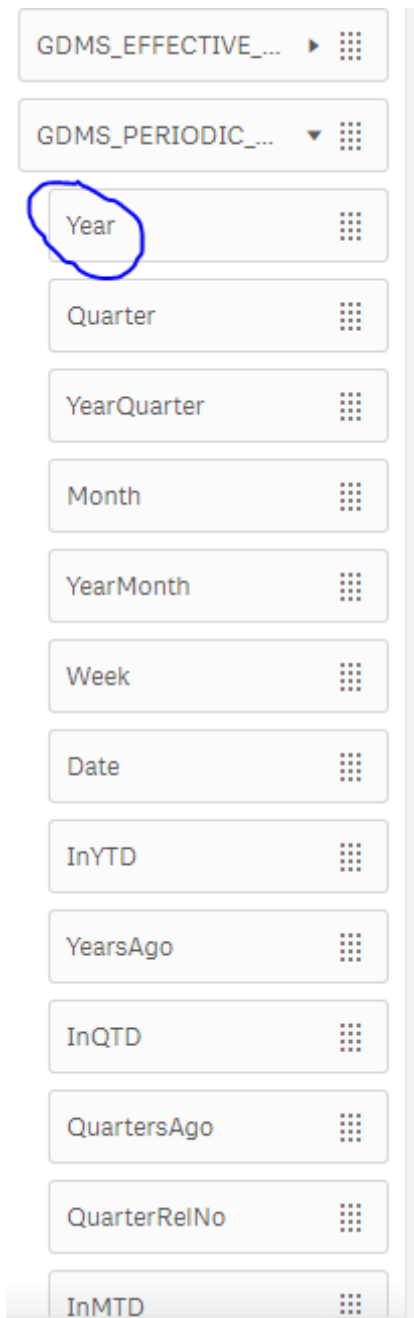
This returns empty values to me. The other variables which are in autoCalendar with the calendar logo to their left display their values well.

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Year Periodic Review Date	Year Creation Date	Quarter Creation Date	YearQuarter Creation Date	Month Modify Date	Month Creation Date	MODIFY_DATE	PERIODIC REVIEW DATE
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:30:24 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:30:28 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:30:29 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:30:31 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:30:33 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:30:36 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:30:37 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:30:42 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:30:44 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:30:45 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:30:46 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:30:48 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:30:49 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:30:51 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:31:01 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:31:02 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:31:09 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:31:13 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:31:15 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:31:20 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:31:32 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:31:35 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:31:37 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:31:39 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:31:42 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:31:44 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:31:47 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:31:50 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:31:53 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:31:56 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:31:59 PM	-
	2015	Q4	2015-Q4	Jan	Dec	1/18/2016 3:32:03 PM	-

What is the cause of this problem?

What is weird is that QlikSense finds me 137.95k of date in 1/1/0001 when there is none in the database.
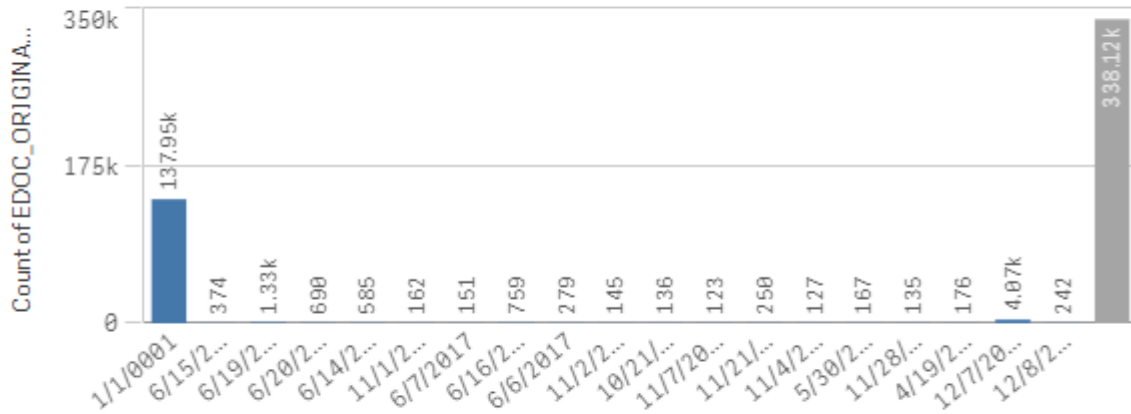
Which comforts me in the idea that QlikSense misinterprets these dates, what should I do? How to explain that QlikSense correctly interprets 2 date variables and puts them in autoCalendar and 4 other date variables are misinterpreted even though they are in the same format?

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If I output all the metadata of the GDMS+ database for the first document 0901ec8a800726f6. There are plenty of "null dates", which are translated to 01/01/0001.

I therefore deduce that all null date values in the database are translated to 1/1/0001. I then create a calculated field on QlikSense to transform every 1/1/0001 to NULL and it still doesn't work and this new variable is not recognized as a date since I don't even have the little arrow to have the autoCalendar (Year, Month etc.). And I cannot change the field type as for the other variables since it is a calculated field we cannot ..

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Update calculated field

Name

PERIODIC REVIEW DATE

Expression

```
IF(GDMS_PERIODIC_REVIEW_DATE =
'1/1/0001', NULL(),
GDMS_PERIODIC_REVIEW_DATE)
```

fx ▾   ▤ ▾   ▦ ▾

Preview

3/2/2007
3/17/2007
3/17/2007
6/10/2007
6/24/2007
7/5/2007
11/27/2007
12/9/2007
12/10/2007
12/11/2007
12/18/2007
12/21/2007
12/23/2007

Update

yet we can clearly see that there is no more 1/1/0001

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Name

PERIODIC REVIEW DATE

Expression

```
IF(GDMS_PERIODIC_REVIEW_DATE =
'1/1/0001', NULL(),
GDMS_PERIODIC_REVIEW_DATE)
```

fx ▼   ☰ ▼   ⊞ ▼

Preview

🔍

🔍 1/1/   ✕

1/1/2014
1/1/2018
1/1/2019
1/1/2020
1/1/2023
1/1/2025

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Year Periodic Review Date	Year Creation Date	Quarter Creation Date	YearQuarter Creation Date	Month Modify Date	MODIFY_DATE	GDMS_PERIODIC_REVIEW...	EDOC_ORIGINAL_CREATION_DATE.autoCalen...	PERIODIC REVIEW DATE
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:30:24 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:30:28 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:30:29 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:30:31 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:30:33 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:30:36 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:30:37 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:30:42 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:30:44 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:30:45 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:30:46 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:30:48 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:30:49 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:30:51 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:31:01 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:31:02 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:31:09 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:31:13 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:31:15 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:31:20 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:31:32 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:31:35 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:31:37 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:31:39 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:31:42 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:31:44 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:31:47 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:31:50 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:31:53 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:31:56 PM	-	-	-
-	2015	Q4	2015-Q4	Jan	1/18/2016 3:31:59 PM	-	-	-

but no date is displayed when I display them on a board…

Thank you in advance for your help !

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