

Error Message: '1:N Fetch Mode is not allowed on Datasource having join condition with node other than its immediate parent.'

- 2023-11-30 - Comments (0) - Lasetnet FO Connector FAQs

Lasernet for Dynamics 365

The following error message is sometimes displayed when running a report:

Error

1:N Fetch Mode is not allowed on Datasource having join condition with node other than its immediate parent.

The error occurs if the Query contains two or more data source structures and if one of the data source structures is using a field as a joint condition from the other data source structure.

This error occurs only if **1:N** is used as Fetch mode/Fetch.

The following is an example containing two data source structures:

A. Containing the data sources/tables **CustTable** and **SalesTable**

B. Containing the data sources/tables **CustTable**, **DivTerm** and **LanguageTxt**

The data source/table LanguageTxt in **B** is using a field as a joint-condition field from **A** which is causing the error message (error is only displayed if **1:N** is used in the Fetch mode/Fetch).

Selected tables

Relation/Layout Load from report...

- Data sources
 - Query_1
 - CustTable
 - SalesTable
 - DlvTerm
 - LanguageTxt

PROPERTIES

Property	Value
Name	LanguageTxt
Parent	DlvTerm
Table name	LanguageTxt
Join	OuterJoin
Fetch	One2Many
Layout	Nested
Relations	SalesTable.LanguageId=LanguageTxt.LanguageId; DlvTerm.ReclId=LanguageTxt.TxtReclId; DlvTerm.TableId=LanguageTxt.TxtTableId

The following error is displayed when running the Query report:

Dynamics 365 Finance and Operations Lasernet > Common > Reports

Save + New Delete Journal SETUP OPTIONS

CONFIGURATION	REPLACEMENT	SETUP	TOOLS	QUERY	BACKUP	DISTRIBUTION	FIXED REPA
Structure	Replacement	Overlays	Validate	Query wizard	Export report backup	Destinations	Create
Data sources		Attachments	Refresh	Dialog setup	Import report backup	Document handling	Remove
Form links				Run report	Copy report to other companies		Deploy

Lasernet report LACQueryError 1:N Fetch Mode is not allowed on Datasource having join condition with node other than its immediate parent.

LACQueryError

Origin	Report name	Report design name	Active
Query	LACQueryError	Custom query: CustTable	<input checked="" type="checkbox"/>

REPORTS

- General
- Parameters
- Mapping

Solutions

The following solutions can be implemented to fix the error:

Fix the issue by changing the query-structure

The best approach for fixing the issue is restructuring the Query-structure as it should be possible to have all the required data sources within the same data-source structure such as the following:

Selected tables

Relation/Layout Load from report...

- Data sources
 - Query_1
 - CustTable
 - SalesTable
 - DlvTerm
 - LanguageTxt

PROPERTIES

Property	Value
Name	LanguageTxt
Parent	DlvTerm
Table name	LanguageTxt
Join	OuterJoin
Fetch	One2Many
Layout	Nested
Relations	SalesTable.LanguageId=LanguageTxt.LanguageId; DlvTerm.ReclId=LanguageTxt.TxtReclId; DlvTerm.TableId=LanguageTxt.TxtTableId

Fix the issue by changing from 1:N to 1:1

Change from **1:N** to **1:1** in the Fetch Mode/Fetch, but this could cause the following error if many tables are joined together:

Error

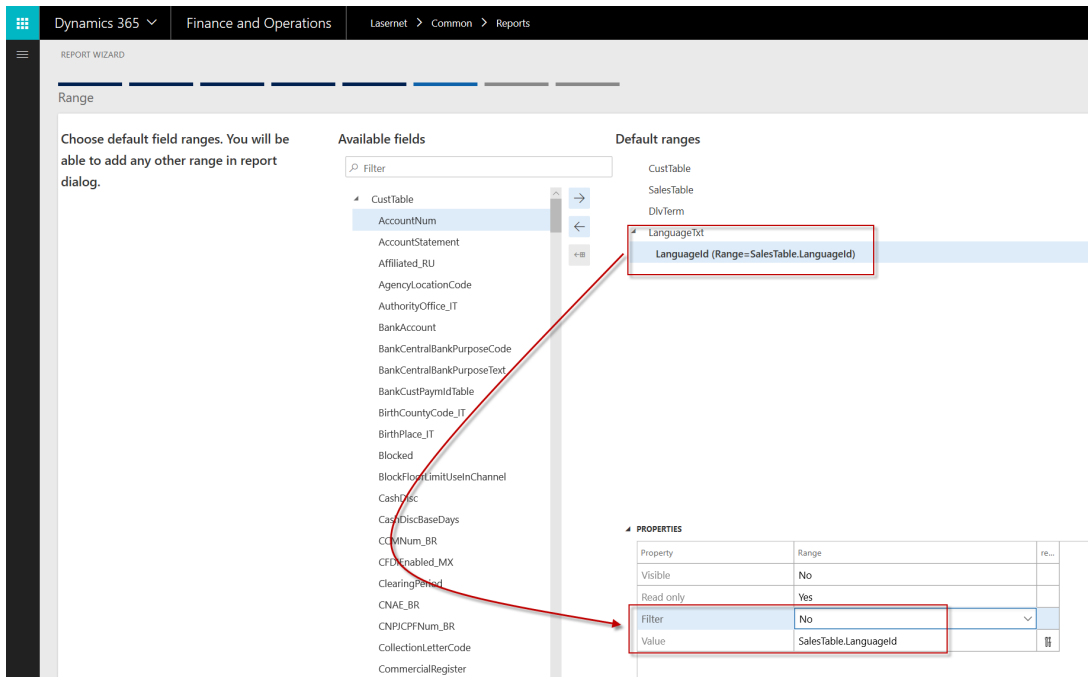
[Microsoft][ODBC Driver 17 for SQL Server][SQL Server]Cannot create a row of size 8061 which is greater than the allowable maximum row size of 8060.

This error is displayed if the query contains many data sources/tables and why Fetch Mode/Fetch **1:1** will work in most cases.

Fix the issue in Lasernet FO Connector version 6 by adding a Range instead of a Filter

Lasernet FO Connector 6 contains the option to add either a **Filter** or a **Range** in the Query-wizard.

Adding a Range will fix the issue (Filter = No).

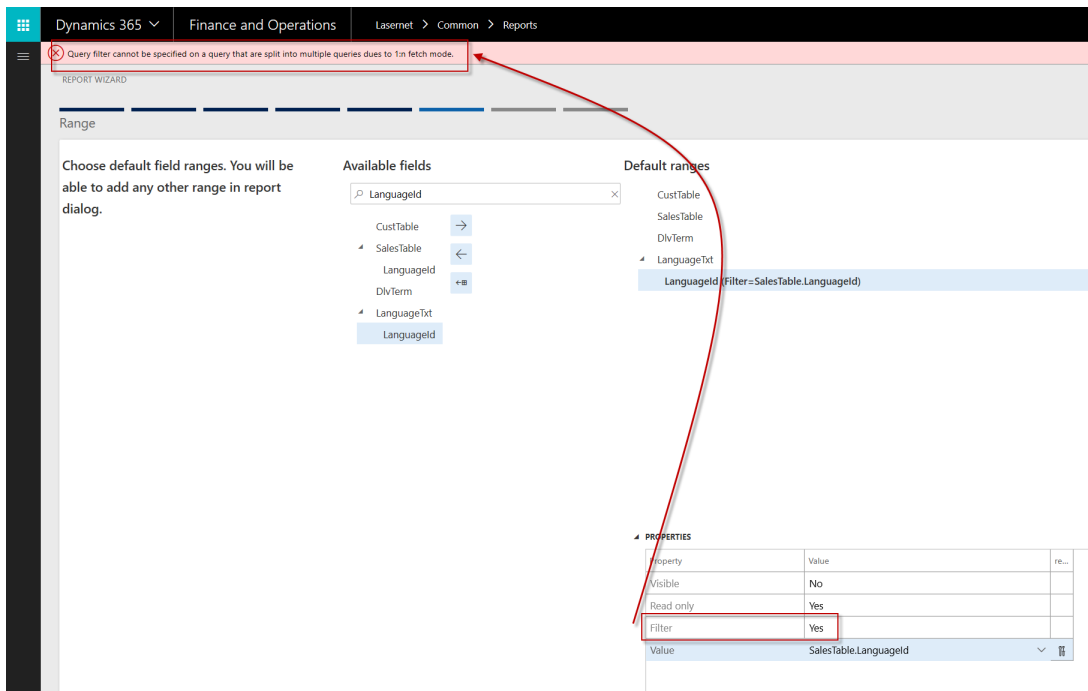


Adding a Filter will display the same error:

Error

Query filter cannot be specified on a query that are split into multiple queries dues to 1:n fetch mode.

This is happening as a Filter is used for the complete result set:



Fetch Mode / Fetch **1:1** are creating the following SQL statement such as the following:

```
SELECT ... FROM CUSTCOLLECTIONLETTERJOUR T1  
CROSS JOIN CUSTCOLLECTIONLETTERTRANS T2  
CROSS JOIN CUSTTABLE T3  
CROSS JOIN CUSTTRANS T4  
CROSS JOIN DIRPARTYTABLE T5 ...
```

This is a single SQL statement and why the error isn't thrown when using Fetch Mode/Fetch **1:1**. It is possible to add the Filter to the complete result-set as this is a single SQL statement.

Fetch Mode / Fetch **1:N** are creating the following multiple and separate SQL statements and why it is **NOT** possible to use a Filter and/or condition field from one of the other data-source-structure, there are separate SQL statements getting executed:

```
SELECT ...  
FROM CUSTTABLE T1 ...  
  
SELECT ... FROM CUSTTRANSOPEN T1  
WHERE ... ACCOUNTNUM=@P3 ...
```

Related Content

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