

Lاسernet FO Connector 6.21 New Features and Fixes

2024-06-05 - Alice Petruzzella - Comments (0) - Lاسernet FO Connector New Features

Lاسernet for Dynamics 365

Release version: 6.21

Release date: 5th June 2024

Introduction

This page describes the enhancements and fixes in [Lاسernet FO Connector 6.21](#).

Click to view the [Lاسernet FO Connector 6.21 Release Notes](#).

Click to view the [Models and Prerequisites](#) page.

Enhancements and Fixes - Lاسernet FO Connector 6.21

Lاسernet FO Connector 6.21 is a quality update released for Dynamics 365 for Finance and Operations 10.0.37 (PU61), 10.0.38 (PU62), 10.0.39 (PU63), and 10.0.40 (PU64).

The same code is used across all versions.

426009@LAC365FO – Error message for non-existing fields in Direct SQL

In Lاسernet FO Connector 6.21, the following error occurs when importing a Direct SQL, which contains fields that do not exist in the system to which the Direct SQL is being imported:

Error

In DirectSQL statement field PurchLine.NonExistingField not found in the system, adding PurchLine.ReclId instead

425710@LAC365FO – Error message: “Object reference not set to an instance of an object”

When verifying the parameters for a batch task that was generated with Top picking, the following error occurred:

Error

Object reference not set to an instance of an object.

Batch tasks					
+ New Delete Parameters Log Abort					
Task ID	Status	Task description	Class name	Class description	
68720262...	Waiting	LAC - Batch multithread p...	LACTestBatchPrintJobSch...		
68720272...	Waiting	LAC batch print summary ...	LACTestBatchPrintJobCon...		
68720272...	Waiting	LACTestBatchPrintJobServ...	LACTestBatchPrintJobCon...		
68720272...	Waiting	LACTestBatchPrintJobServ...	LACTestBatchPrintJobCon...		

This has now been fixed.

425583@LAC365FO - Error message: "Value cannot be null"

Some reports/customized reports only use print management, which can cause problems when comparing PDFs in checkpoints and when the checkpoints are part of a test flow.

In previous versions, the flow would stop when the following error occurred:

Error

Value cannot be null.

Checkpoints with PDF comparison are useful because they can automatically compare PDF files before and after an upgrade.

In previous versions, including checkpoints in a flow would create a single starting point for different and multiple reports.

This has now been fixed.

425421@LAC365FO - 425313@LAC365FO - Expression editor confuses single and double-quoted strings

In previous versions, the **Expression editor** did not allow the use of an apostrophe.

Some languages, such as Swiss (de-ch), use an apostrophe (') as the group separator for numbers. Therefore, it is helpful to be able to use it in an **Expression**.

This is now fixed.

Example:

Expression

[X Remove](#)
[Delete all](#)
[Copy](#)
[Paste](#)
[Undo](#)
[Redo](#)

```

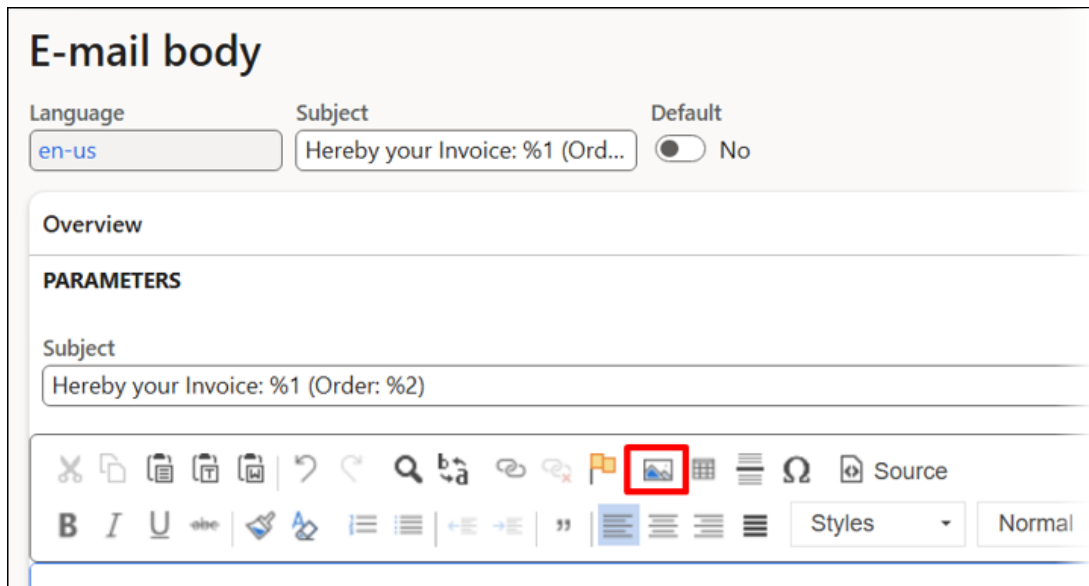
Switch Calculated.CompanyId()
case "USMF" Then "###(, )###[.]00"
case "DEMF" Then "###(')###[.]00;-###(')###[.]00"
Default "###(.)###[,]00"
end

```

Statement "###(')###[.]00;-###(')###[.]00" is incomplete

425348@LAC365FO – It is not possible to add images to predefined destinations
In previous versions, it was not always possible to add an image to the email body (HTML).
This was a problem especially if an image was already included.

The image icon did not work.



This has now been fixed.

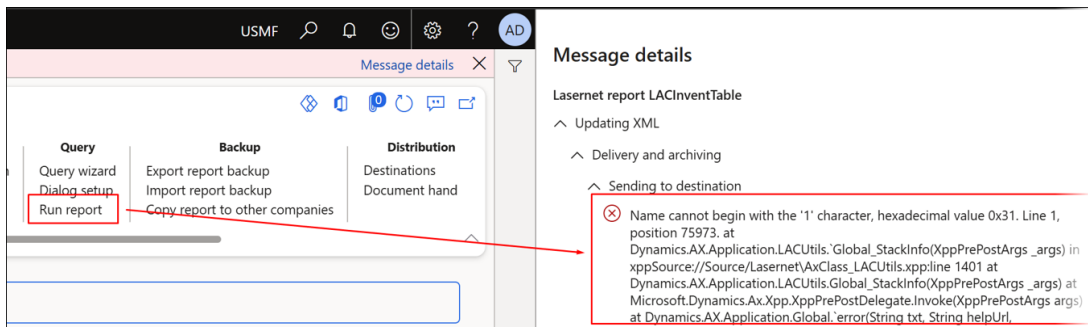
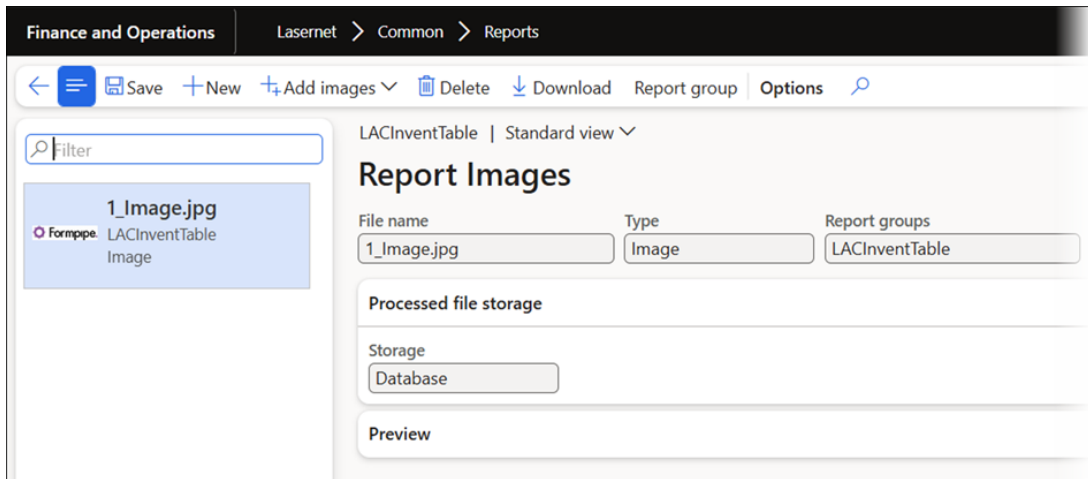
423456@LAC365FO – An issue arises when the file name of an image within a report starts with a number

In previous versions, if a report contained an image whose file name started with a number, the following error occurred while running the report:

Error

```
Name cannot begin with the '1' character, hexadecimal value 0x31. Line 1, position 75973.  
at Dynamics.AX.Application.LACUtils.Global_StackInfo(XppPrePostArgs _args) in  
xppSource://Source/Lasernet\AxClass_LACUtils.xpp:line 1401 at  
Dynamics.AX.Application.LACUtils.Global_StackInfo(XppPrePostArgs _args) at  
Microsoft.Dynamics.Ax.Xpp.XppPrePostDelegate.Invoke(XppPrePostArgs args) at  
Dynamics.AX.Application.Global.error(String txt, String helpUrl,
```

Example:



This has now been fixed.

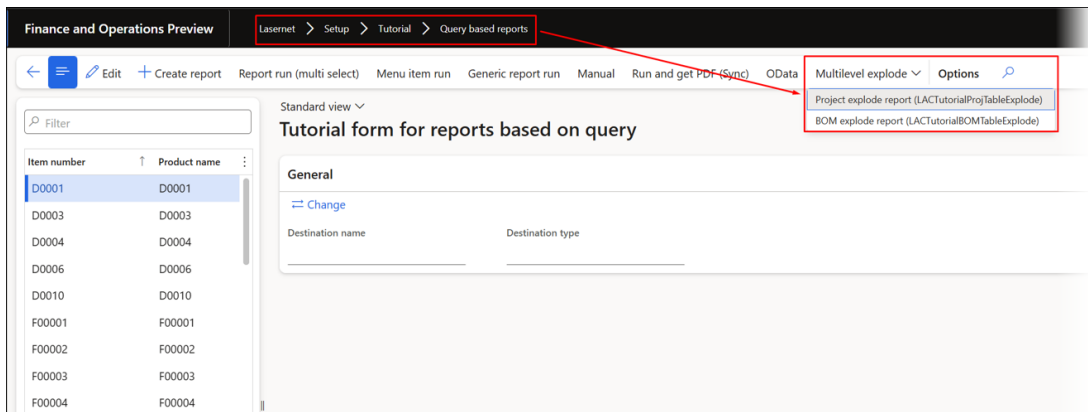
423352@LAC365FO – Method for BOM Explosion within Lasernet Tutorial (source code) and Lasernet FO Connector (binary)

The following two examples illustrate how to “explode” **Projects** and **Bill of materials (BOM)** from the coding framework within Lasernet FO Connector.

Both examples use a context method to fill a tmp table.

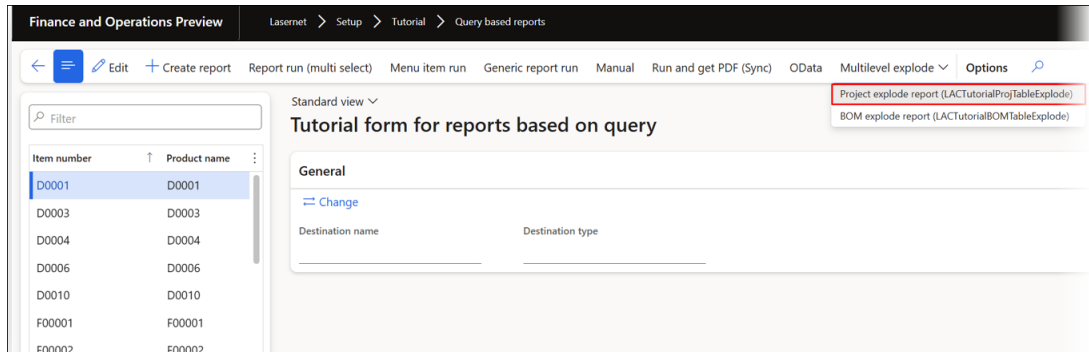
This tmp table can then be used to link and retrieve additional information (fields) from other tables.

This approach allows users to add additional data from other tables, ensuring the best possible performance and low memory consumption.

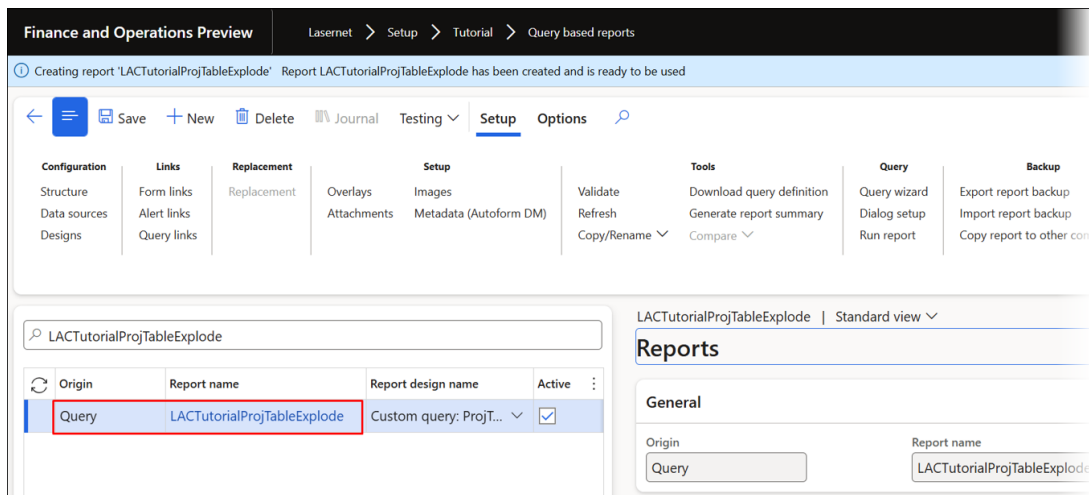


Explosion of Projects

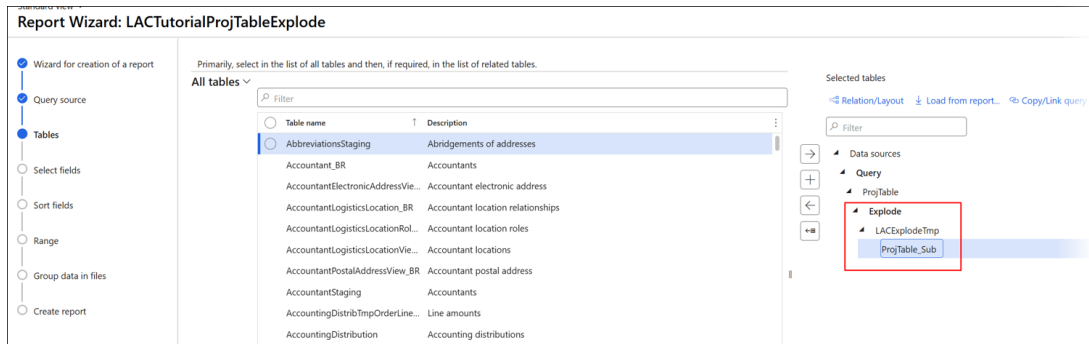
By selecting the option highlighted in the following image, the system will automatically create the Query **LACTutorialProjTableExplode** and then display it within the reports list page.



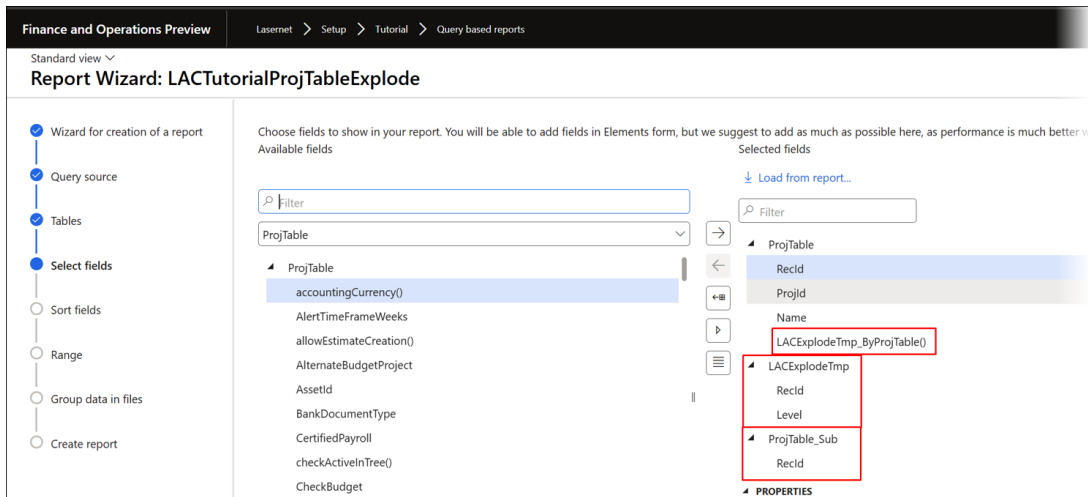
Query **LACTutorialProjTableExplode**:



Tmp table **LACExplodeTmp** can be linked to other tables, such as **ProjTable_Sub**.



The data in the table **LACExplodeTmp** is filled through the method **LACExplodeTmp_ByProjTable()**.



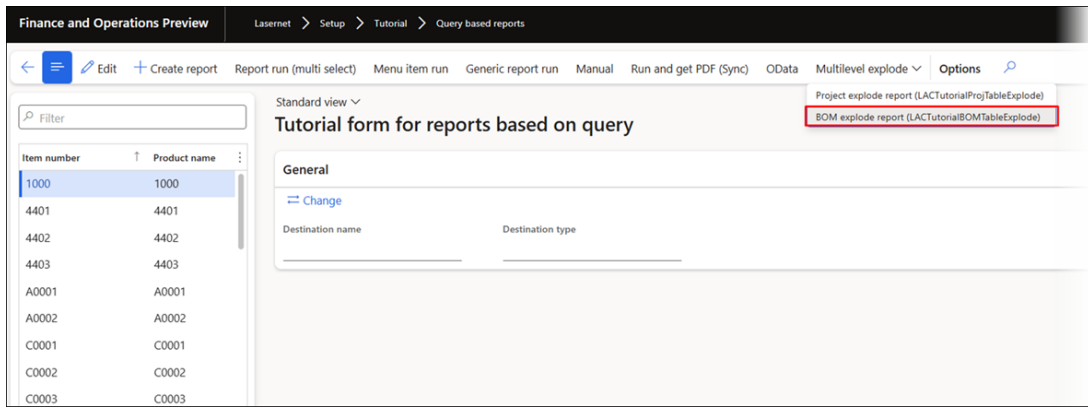
The following is the result of generating the report for a **Project**:



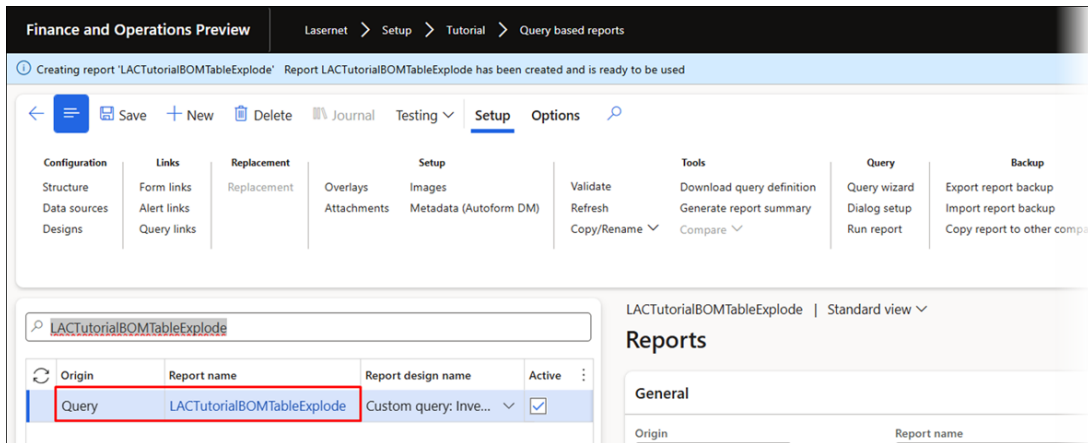
Explosion of BOM (Bill of materials)

The approach used for the “explosion” of **BOM (Bill of materials)** is similar to the one used for **Projects**.

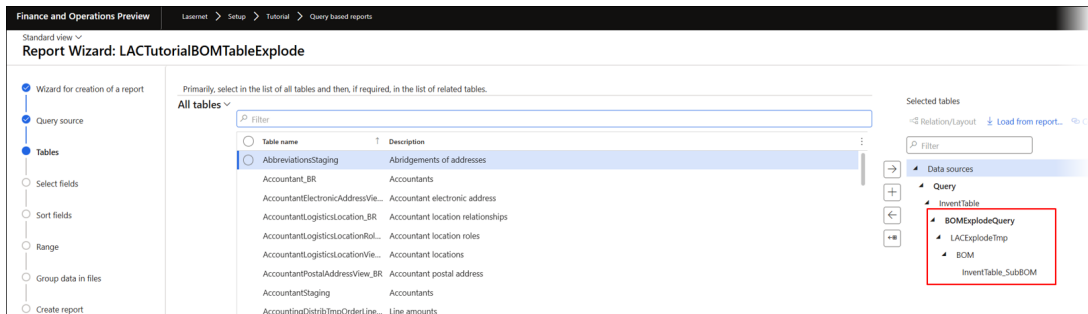
By selecting **BOM explode report (LACTutorialBOMTableExplode)**, the system will automatically create and display the Query **LACTutorialBOMTableExplode** within the reports list page.



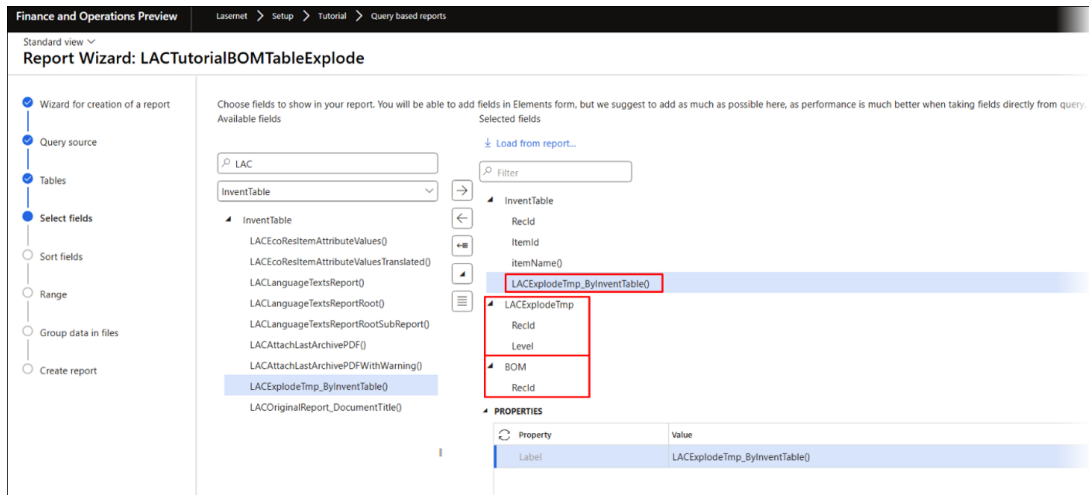
Query **LACTutorialBOMTableExplode**:



Tmp table **LACExplodeTmp** can be linked to other tables, such as **InventTable_SubBOM**.



The data in the table **LACExplodeTmp** is filled through the method **LACExplodeTmp_ByInventTable()**.



The following is the result of generating the report for **Bill Of Materials (BOM)**:

```

- <Labels>
  <LABEL_Record_ID>Record ID</LABEL_Record_ID>
  <LABEL_Sort_order>Sort order</LABEL_Sort_order>
  <LABEL_Record_ID1>Record ID</LABEL_Record_ID1>
  <LABEL_BOM>BOM</LABEL_BOM>
  <LABEL_Record_ID2>Record ID</LABEL_Record_ID2>
  <LABEL_Item_number>Item number</LABEL_Item_number>
  <LABEL_Product_name>Product name</LABEL_Product_name>
  <LABEL_Record_ID3>Record ID</LABEL_Record_ID3>
  <LABEL_Item_number1>Item number</LABEL_Item_number1>
  <LABEL_Product_name1>Product name</LABEL_Product_name1>
  <LABEL_LACExplodeTmp_ByInventTable>LACExplodeTmp_ByInventTable()</LABEL_LACExplodeTmp_ByInventTable>
</Labels>
- <InventTable>
  <LACQueryRecord_DONOT_CHANGE_InventTable>1</LACQueryRecord_DONOT_CHANGE_InventTable>
  <FIELD_InventTable_RecId>22565421305</FIELD_InventTable_RecId>
  <FIELD_InventTable_ItemId>D0004</FIELD_InventTable_ItemId>
  <FIELD_InventTable_itemName>HighEndSpeaker</FIELD_InventTable_itemName>
  <FIELD_InventTable_LACExplodeTmp_ByInventTable>7 ref record(s) created.</FIELD_InventTable_LACExplodeTmp_ByInventTable>
- <LACExplodeTmp>
  <LACQueryRecord_DONOT_CHANGE_LACExplodeTmp>2</LACQueryRecord_DONOT_CHANGE_LACExplodeTmp>
  <FIELD_LACExplodeTmp_RecId>1</FIELD_LACExplodeTmp_RecId>
  <FIELD_LACExplodeTmp_Level>1</FIELD_LACExplodeTmp_Level>
- <BOM>
  <LACQueryRecord_DONOT_CHANGE_BOM>3</LACQueryRecord_DONOT_CHANGE_BOM>
  <FIELD_BOM_RecId>22565428777</FIELD_BOM_RecId>
  <FIELD_BOM_BOMId>000106</FIELD_BOM_BOMId>
- <InventTable_SubBOM>
  <LACQueryRecord_DONOT_CHANGE_InventTable_SubBOM>4</LACQueryRecord_DONOT_CHANGE_InventTable_SubBOM>
  <FIELD_InventTable_RecId>22565421284</FIELD_InventTable_RecId>
  <FIELD_InventTable_ItemId>M0008</FIELD_InventTable_ItemId>
  <FIELD_InventTable_itemName>High End Cabinet</FIELD_InventTable_itemName>
</InventTable_SubBOM>
</BOM>
</LACExplodeTmp>
- <LACExplodeTmp>
  <LACQueryRecord_DONOT_CHANGE_LACExplodeTmp>5</LACQueryRecord_DONOT_CHANGE_LACExplodeTmp>
  <FIELD_LACExplodeTmp_RecId>2</FIELD_LACExplodeTmp_RecId>
  <FIELD_LACExplodeTmp_Level>1</FIELD_LACExplodeTmp_Level>
- <BOM>
  <LACQueryRecord_DONOT_CHANGE_BOM>6</LACQueryRecord_DONOT_CHANGE_BOM>
  <FIELD_BOM_RecId>22565428778</FIELD_BOM_RecId>
  <FIELD_BOM_BOMId>000106</FIELD_BOM_BOMId>
- <InventTable_SubBOM>
  <LACQueryRecord_DONOT_CHANGE_InventTable_SubBOM>7</LACQueryRecord_DONOT_CHANGE_InventTable_SubBOM>
  <FIELD_InventTable_RecId>22565421283</FIELD_InventTable_RecId>
  <FIELD_InventTable_ItemId>M0009</FIELD_InventTable_ItemId>
  <FIELD_InventTable_itemName>Protective Corners</FIELD_InventTable_itemName>
</InventTable_SubBOM>
</BOM>
</LACExplodeTmp>

```