

Compilation error in LAC 6.17

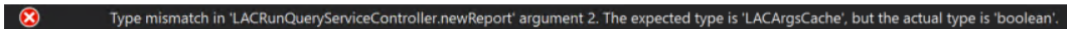
Kate Coles - 2022-05-11 - Comments (0) - D365 FO Connector FAQs

Lasernet for Dynamics 365

Customers that have developed code to initialize Lasernet reports in LAC versions prior to LAC 6.17, will get a compilation error when they upgrade to LAC 6.17 because report initialization from the code has changed in LAC 6.17

Error:

Type mismatch in 'LACRunQueryServiceController.newReport' argument 2. The expected type is 'LACArgsCache', but the actual type is 'boolean'.



Type mismatch in 'LACRunQueryServiceController.newReport' argument 2. The expected type is 'LACArgsCache', but the actual type is 'boolean'.

Lasernet connector (LAC) version 6.17 contains major enhancements related to the performance. One of the newly introduced features is a new logic for the cache. This change affects the way the report is initialized and processed from the code.

It might be required that some customers having custom code to launch Lasernet reports have to update the code.

The Lasernet tutorial is also updated to give users an understanding of using Lasernet features from the code. **LACTutorialStartReport** shows the changes that might be required to follow.

Older LAC versions:

```

LACTutorialStartReport.cpp
LACTutorialStartReport
1  /// <summary>
2  /// This class illustrates how to start query report with some printer settings
3  /// </summary>
4  class LACTutorialStartReport
5  {
6  public static void main(Args _args)
7  {
8      LACRunQueryServiceController controller = LACRunQueryServiceController::newReport("LACCustTable", true); // Loading Last values, make sure you
9      SRSPrintDestinationSettings printSettings;
10     Query query;
11     LACParametersMap map;
12     MapEnumerator mapEnumerator;
13     map customPropertyMap;
14     // Setting up query ranges you would like to use
15
16     query = controller.parmQuery();
17     query.dataSourceTable(tableNum(CustTable)).addRange(fieldNum(CustTable, AccountNum).value("004011")); // Do You have this customer account?
18     // Setting up destination
19     printSettings = controller.parmPrintSettings();
20     printSettings.printMediumType(SRSPrintMediumType::LAC); // This is to call Lasernet Print Option
21     printSettings.lacDestinationSettings().destTypes4Print(LACDestTypes4Print::Email);
22     printSettings.lacDestinationSettings().emailTo("test@contoso.com");
23 }
}

```

LAC 6.17 version:

```

LACTutorialStartReport.cpp
LACTutorialStartReport
1  /// <summary>
2  /// This class illustrates how to start query report with some printer settings
3  /// </summary>
4  class LACTutorialStartReport
5  {
6  public static void main(Args _args)
7  {
8      LACRunQueryServiceController controller = LACRunQueryServiceController::newReport("LACCustTable", LACArgsCache::newCache("LACCustTable"), true); // Loading Last values, make sure you have report named here
9      SRSPrintDestinationSettings printSettings;
10     Query query;
11     LACParametersMap map;
12     MapEnumerator mapEnumerator;
13     map customPropertyMap;
14     // Setting up query ranges you would like to use
15
16     query = controller.parmQuery();
17     query.dataSourceTable(tableNum(CustTable)).addRange(fieldNum(CustTable, AccountNum).value("004011")); // Do You have this customer account?
18     // Setting up destination
19     printSettings = controller.parmPrintSettings();
20     printSettings.printMediumType(SRSPrintMediumType::LAC); // This is to call Lasename Print Option
21     printSettings.lacDestinationSettings().destTypes4Print(LACDestTypes4Print::Email);
22     printSettings.lacDestinationSettings().emailTo("test@contoso.com");
23
24     // Illustrating usage of Custom properties - allowing to put any value into XML that can be retrieved in Lasename, i.e. for layout choosing
25     // Retrieving map with Custom properties
26     Map customPropertiesMap = printSettings.lacDestinationSettings().customPropertyMap();
27     // Set custom property to pass Additional information. This goes into XML and can be used in Lasename designer
28     customPropertiesMap.add("CustomProperty.CustomParameter", "ThisIsValueAddedFromCode");
29     printSettings.lacDestinationSettings().customPropertyMap(customPropertiesMap);
30
31     // Illustrating usage of Parameter - allowing to put value into some Parameter as is configured through Report dialog setup
32     // Look for this property in the XML file. You should be able to use it as criteria to choose the correct layout
33     // Retrieving map of packed parameters from the data contract
34     contains con = controller.parmLACRunQueryDataContract().parmParametersRunPack();
35     LACParametersMap parameterMap = LACParametersMap::create(con);
36
37     // Set parameter value by adding element to the map. It must be called the same as Parameter in Report Dialog setup
38     parameterMap.insert("CustomParameter", "ThisIsValueAddedFromCode");
39     // Passing packed parameters
40     controller.parmLACRunQueryDataContract().parmParametersRunPack(parameterMap.pack());
41
42
43     // Attach documents printing
44     printSettings.lacDestinationSettings().manualDocRefType(LACManualOverwriteType::Disabled); // No attachments
45     // Stting up overlay
46     printSettings.lacDestinationSettings().allowManualOverlay(true); // Overwriting overlay
47     printSettings.lacDestinationSettings().manualOverlayType(LACManualOverwriteType::Overwrite);
48     printSettings.lacDestinationSettings().overlayId("MyOverlay");
49     printSettings.lacDestinationSettings().forceEnabled(NoYes::Yes);
50     // controller.this.getParameter("AccountNum"); // Lookup always returns Str value
51
52     controller.parmShowDialog(false); // Showing dialog, can be switched off
53     controller.startOperation(); // Will show dialog and run the report
54 }
}

```

Code fragment to initialize **LACRunQueryServiceController**:

```








LACRunQueryServiceController controller =
LACRunQueryServiceController::newReport("LACCustTable",
LACArgsCache::newCache('LACCustTable'), true);

```

The updated tutorial model has been added to the LAC 6.17.1 release.

Link: <https://kb.lasernet.formpipe.com/article/AA-00876/83/>

Attachments

 Default Configurations.zip	9.7 Mb	Download File
 LAC365FO_Version_6_17_1_2205057_PU49.zip	81.7 Mb	Download File
 LAC365FO_Version_6_17_1_2205058_PU50.zip	78.6 Mb	Download File
 LAC365FO_Version_6_17_1_2205059_PU51.zip	78.7 Mb	Download File
 LACWHSWaveLabels_1.0.0.0_V10_PU34+.zip	2.8 Mb	Download File
 Lasernet Connector for Microsoft D365 FO Release notes version 6.17.1.pdf	1.5 Mb	Download File
 Lasetnet Tutorials_LAC365FO_version617.zip	32.2 Kb	Download File

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