

## Lasetnet FO Connector 6.21.2 New Features and Fixes

2024-09-19 - Alice Petruzzella - Comments (0) - Lasetnet FO Connector New Features

# Lasetnet for Dynamics 365

## Lasetnet for Dynamics 365 Finance and Operations

**Release version: 6.21.2**

**Release date:** 19th September 2024

### Notes

The following documentation and files are available:

- [Release notes for Lasetnet FO Connector 6.21.2](#)
- [Software installation files](#)

### Fixes and Enhancements - Lasetnet FO Connector 6.21.2

Lasetnet FO Connector 6.21.2 is released for Dynamics 365 for Finance and Operations version 10.0.39 (PU63), 10.0.40 (PU64), and 10.0.41 (PU65).

The same source code is used across all versions.

This is aimed to be a hotfix, provided through the following fixes and enhancements in Lasetnet FO Connector 6.21.2.

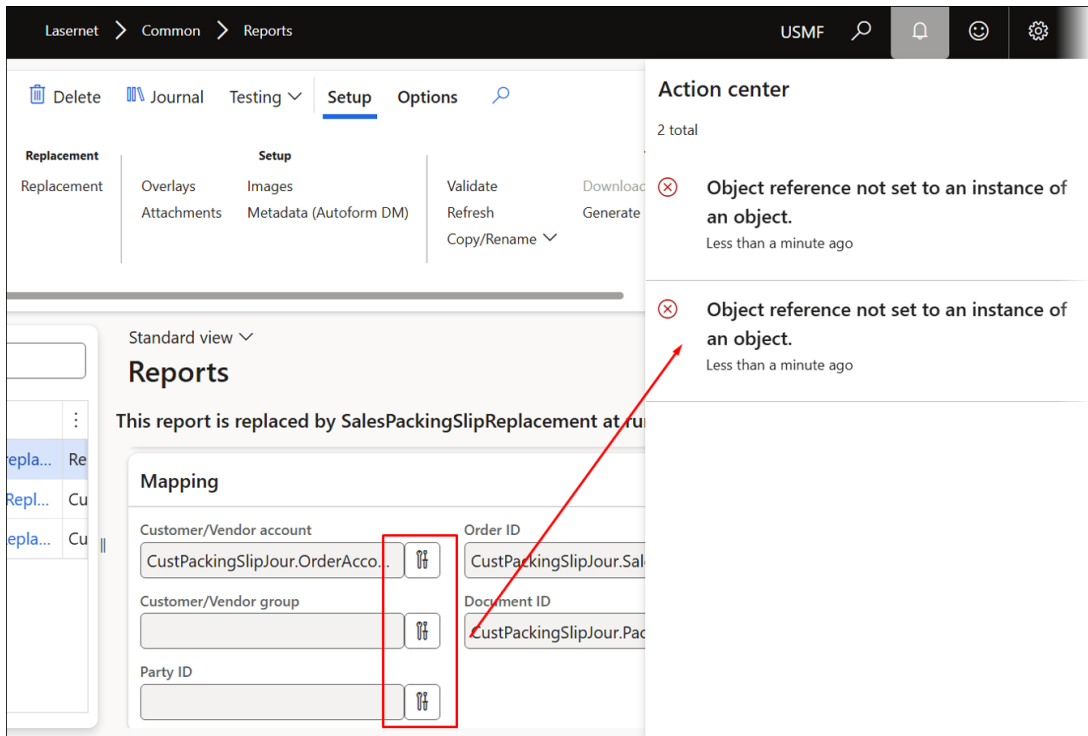
### **439140@LAC365FO - An Object reference error occurred when using the Expression and Range functions**

The following Object error occurred in newer versions of 10.0.40 (Update64) and 10.0.41 (Update65).

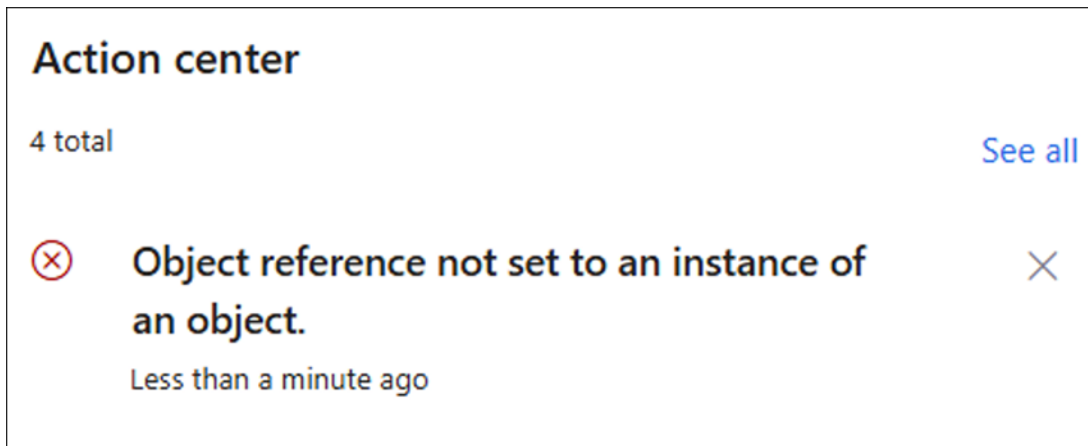
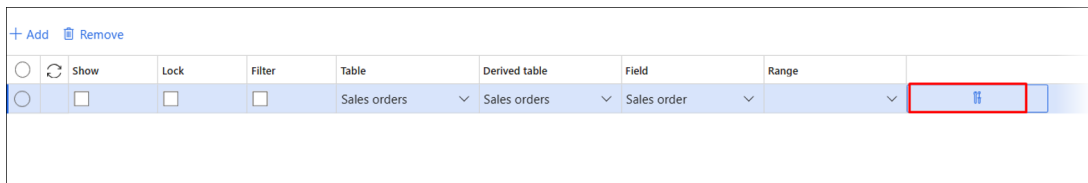
The issue was caused by a **System Enum**, which was exposed in standard Dynamics 365 Finance and Operations starting from 10.0.40 but was not fully implemented by Microsoft.

The issue occurred when entering an **Expression** after clearing the cache in Lasetnet FO Connector, as the Connector attempted to rebuild the cache after it had been cleared.

This incomplete **Enum** will disrupt the cache-rebuilding process.

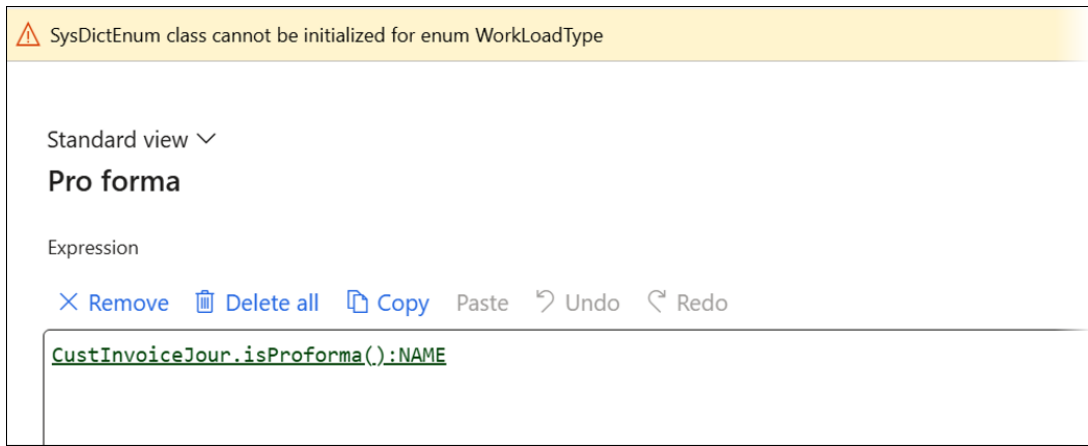


The same error occurred when using an **Expression** for a **Range**:



Lasernet FO Connector 6.21.2 detects this problem and issues a warning if a system **Enum** is not fully implemented.

We expect this **Enum** to be fully implemented in Dynamics 365 Finance and Operations 10.0.42 (Update 66), but we will keep this detection device in the coming versions of the Connector.



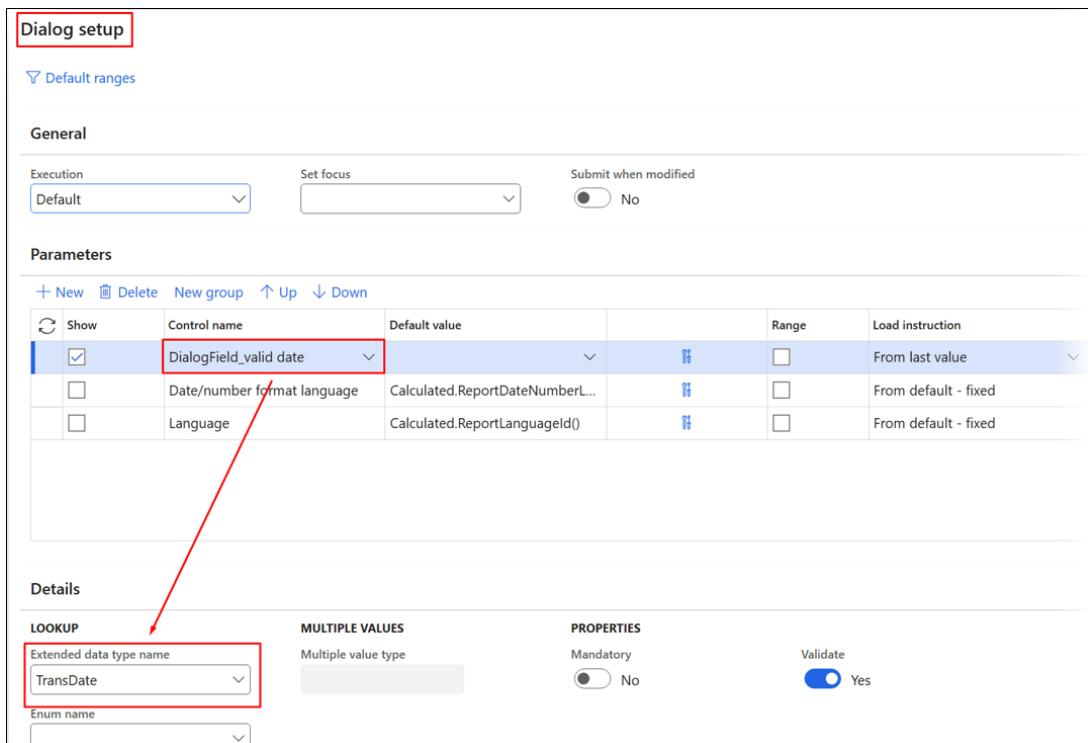
## 433689@LAC365FO - The option to disable the validation of the date fields From and To in standard Dynamics 365 FO is now available

Lasernet FO Connector 6.21.2 includes a preference to disable the validation of the **From/To date** option within standard Dynamics 365 Finance and Operations.

This is a useful enhancement for accessing data such as the address/global address book, which normally uses the current date to determine if a record is valid.

Activating the new property, **Ignore default valid time state**, causes the system to bypass the validation of the **From/To date** option.

In the following example, a dialog field is set up with a date that will be used for the **Ranges**:



The dialog field is used for the **Range**:

Choose default field ranges. You will be able to add any other range in report dialog.

Available fields

Filter

LogisticsPostalAddress

- LogisticsPostalAddress
- Address
- Apartment\_RU
- BuildingCompliment
- Building\_RU
- ChannelReferenceld
- City
- CityKana\_JP
- CityReclId
- CountryRegionId
- County
- District
- DistrictName
- FlatId\_RU

Default ranges

Filter

- CustTable
- DirPartyTable
- LogisticsPostalAddress
  - ValidTo (Filter=Parameter:"DialogField\_valid date" + "..")
  - ValidFrom (Filter=".." + Parameter:"DialogField\_valid date")

PROPERTIES

Property	Range	Ac...
Visible	No	<input type="checkbox"/>
Read-only	Yes	<input checked="" type="checkbox"/>
Filter	Yes	<input checked="" type="checkbox"/>
Value	Parameter:"DialogField_valid date" + ".."	<input type="checkbox"/>

Executing the report with the **Ignore default valid time state** option turned off:

## LACLogisticsPostalAddress

---

### Parameters

DialogField\_valid date

2/1/2016

---

### Destination

↔ Change

Lasernet Screen

---

### Records to include

---

### Run in the background

No output is generated because the default **Ignore default valid time state** is disabled, and standard validation against current dates will, therefore, also be applied.

```

</JobInfo>
</Report>
<OverlayInstruction>Default</OverlayInstruction>
<AttachmentInstruction>Default</AttachmentInstruction>
<RunOrigin>Original</RunOrigin>
<LasernetServer>File</LasernetServer>
<StorageType>FileSystem</StorageType>
<DatabaseConnection>Azure Storage</DatabaseConnection>
<DemoAzureStorageAccountName/>
<DemoAzureStorageKey/>
<Archive>Yes</Archive>
<ImageContents/>
<OverlayContents/>

```

Enabling **Ignore default valid time state**:

Selected tables

Relation/Layout Load from report... Copy/Link query Up Down Copy/Move Labels

Filter

Data sources

- Query
  - LogisticsPostalAddress

PROPERTIES

Property	Value
Name	Query
Enabled	Yes
Group by	No
Cross-company	No
Disable cache	No
Ignore default valid time state	Yes
Data sources	LogisticsPostalAddress
Query in SQL	SELECT T1.ADDRESS,T1.APARTMENT_RU,T1.BUILDING_RU,T1.BUILDINGCOMPLIMENT,T1.CITY
Create element	No

If this parameter is set to Yes, query will ignore system default valid time state, letting you specify custom reanges on ValidFrom and ValidTo fields

The output is generated because **Ignore default valid time state** is enabled, which causes the system to bypass the standard validation and only apply the one used in the **Ranges** for the Query.

```

<FIELD_LogisticsPostalAddress_RecId>52565476393</FIELD_LogisticsPostalAddress_RecId>
<LABEL_Effective>Effective</LABEL_Effective>
<LABEL_Expiration>Expiration</LABEL_Expiration>
<FIELD_LogisticsPostalAddress_ValidFrom>1/28/2016 3:09 PM</FIELD_LogisticsPostalAddress_ValidFrom>
<FIELD_LogisticsPostalAddress_ValidTo>2/12/2016 11:15 PM</FIELD_LogisticsPostalAddress_ValidTo>
</LogisticsPostalAddress>
</DirPartyTable>

```

**433688@LAC365FO - The assembly load has been reduced in Lasernet FO Connector 6.21.2 when using replacement (Query) reports**

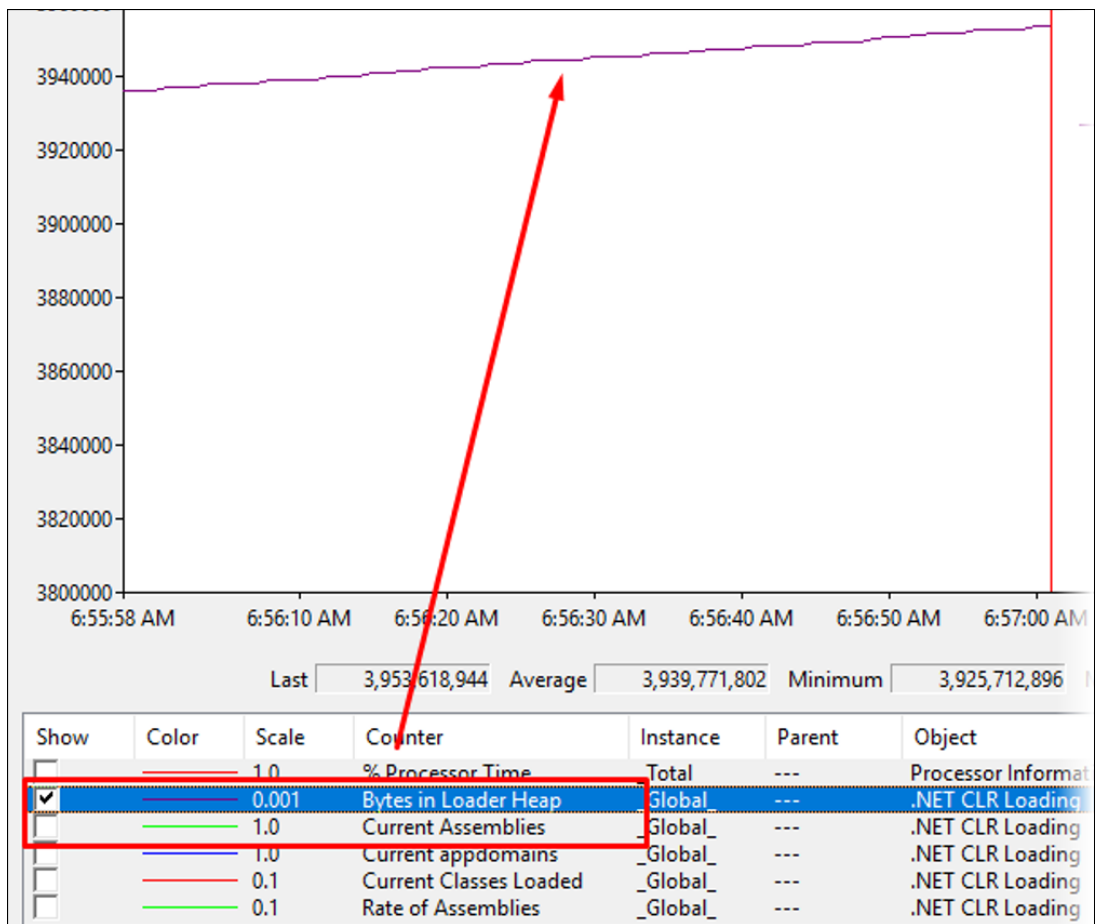
The assembly load has been reduced when using replacement (Query) reports.

However, there are still issues when running standard SSRS reports or using standard reports (Queries) and SSRS as the source for the Lasernet report, as the number of assemblies increases.

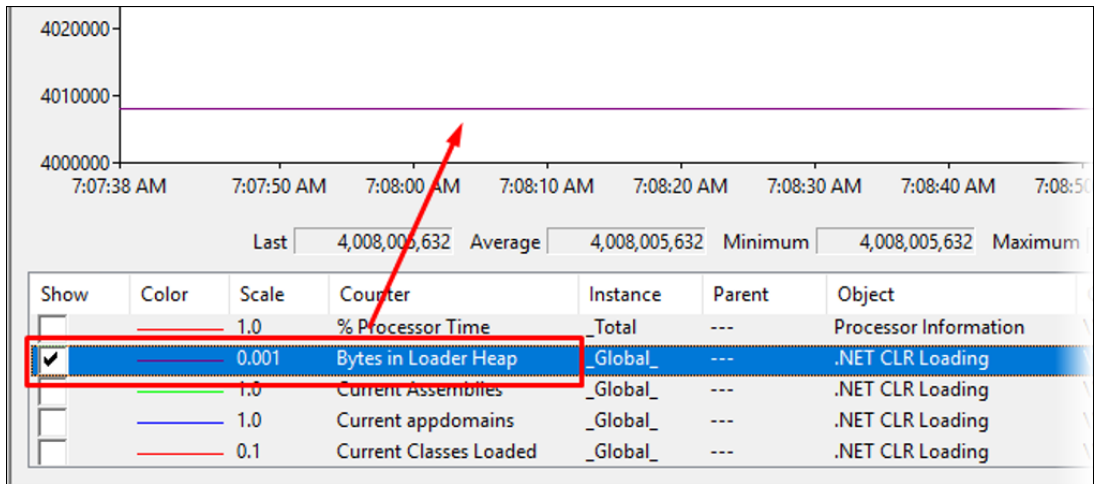
This memory issue is resolved only by restarting or recycling the service, which frees up the memory within the AppDomain: the memory in the Loader Heap will not be freed until the environment restarts or recycles.

Microsoft is investigating this matter and should provide a fix within a newer update of Dynamics 365 Finance and Operations.

When using SSRS or SSRS as the source for the Lasernet reports, the memory in the Loader Heap will keep rising until the environment restarts or recycles:



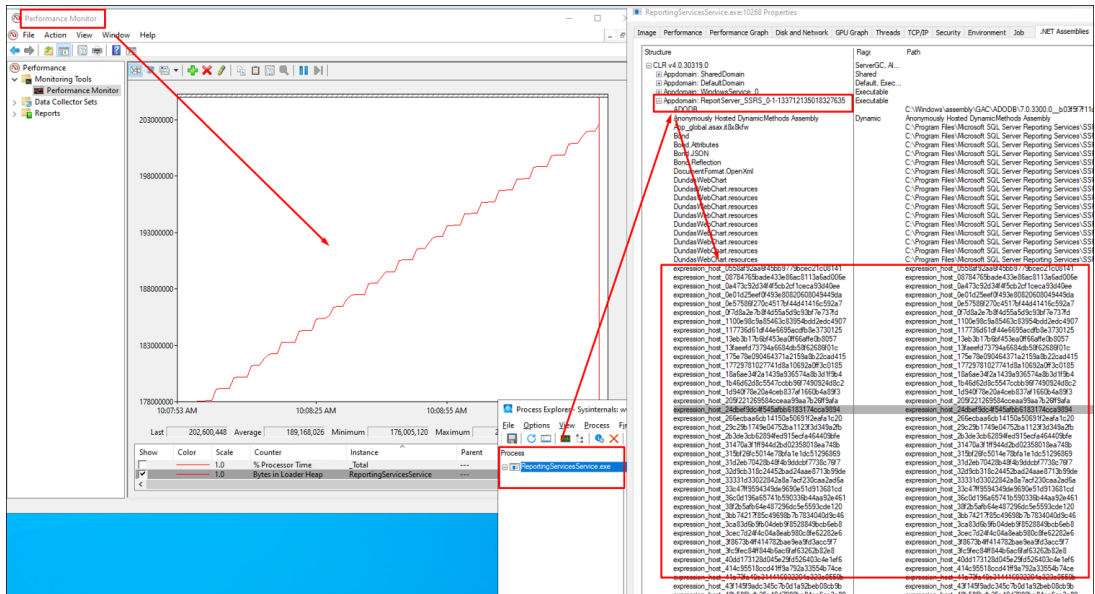
When using replacement reports (Query) in Lasernet FO Connector, the count of loaded assemblies and memory usage in the Loader Heap remain stable:



The problem with standard SSRS reports and SSRS reports being used as the source for Lasernet reports may be connected to Microsoft's ReportingServicesService.exe.

The following example is taken from a standard Dynamics 365 for Finance and Operations Tier-1 environment, and additional details will be provided for Tier-2 and higher environments.

The ReportingServicesService.exe comprises a large number of assemblies (types) and the bytes in the Loader Heap for the Reporting service increase with each report execution.



## Related Content

- [Laseretnet FO Connector 6.21.2](#)
- [Laseretnet FO Connector 6.21.2 Release Notes](#)
- [Laseretnet FO Connector 6.21.2 Released!](#)