

Lasetnet FO Connector 6.19 New Features (part II)

2023-10-17 - Alice Petruzzella - Comments (0) - Lasetnet FO Connector New Features

Lasetnet for Dynamics 365

Release version: 6.19

Release date: 17th October 2023

Introduction

This page describes the enhancements in [Lasetnet FO Connector 6.19](#).

Click to view the [Release Notes](#) page.

Click to view the [Lasetnet FO Connector 6.19 New Features \(part I\)](#) page.

Click to view the [Lasetnet FO Connector 6.19 New Features \(part III\)](#) page.

Click to view the [Lasetnet FO Connector 6.19 New Features \(part IV\)](#) page.

Click to view the [Lasetnet FO Connector 6.19 New Features \(part V\)](#) page.

Click to view the [Lasetnet FO Connector 6.19 New Features \(part VI\)](#) page.

Click to view the [Lasetnet FO Connector 6.19 New Features \(part VII\)](#) page.

Examples

What's used (Example)

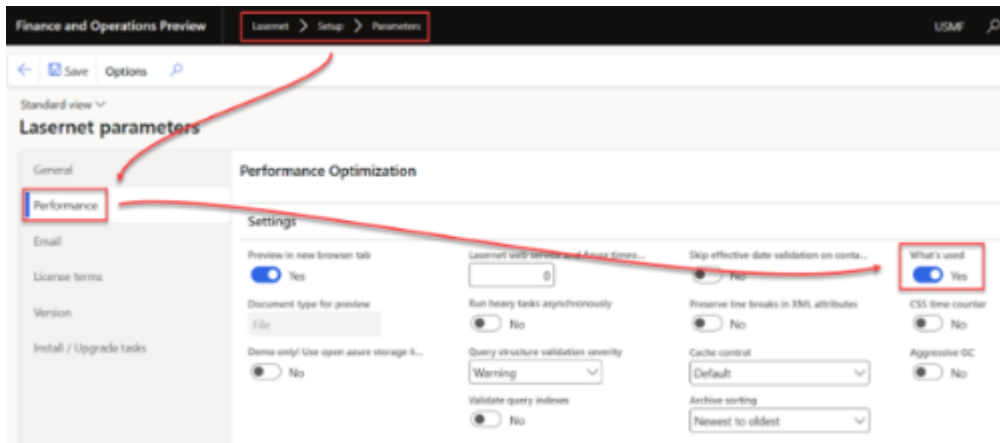
What's used provides the option to identify which tables and fields are used within the Lasetnet Design.

Additional and unused tables (patterns) and fields (re-arranges) can be added in Lasetnet FO Connector and Lasetnet.

Normally, tables in Lasetnet FO Connector are represented as patterns within the Lasetnet Developer, while fields are represented as re-arranges.

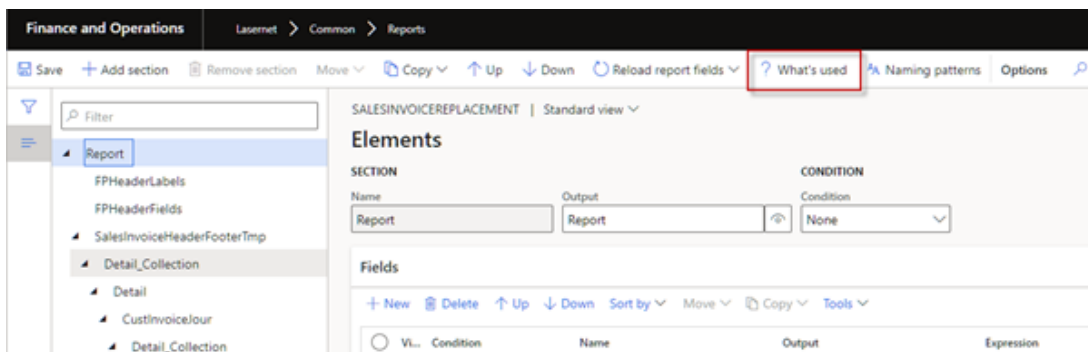
In future versions of Lasetnet FO Connector, **What's used** will be improved and will provide the option to import/include the XML transformer(s) from the Lasetnet Server.

What's used is enabled in **Lasetnet > Setup > Parameters > Performance**.



What's used is located within the Structure (elements) and within the Query Wizard.

Lasernet > Common > Reports > Structure



Lasernet > Query Wizard > Tables



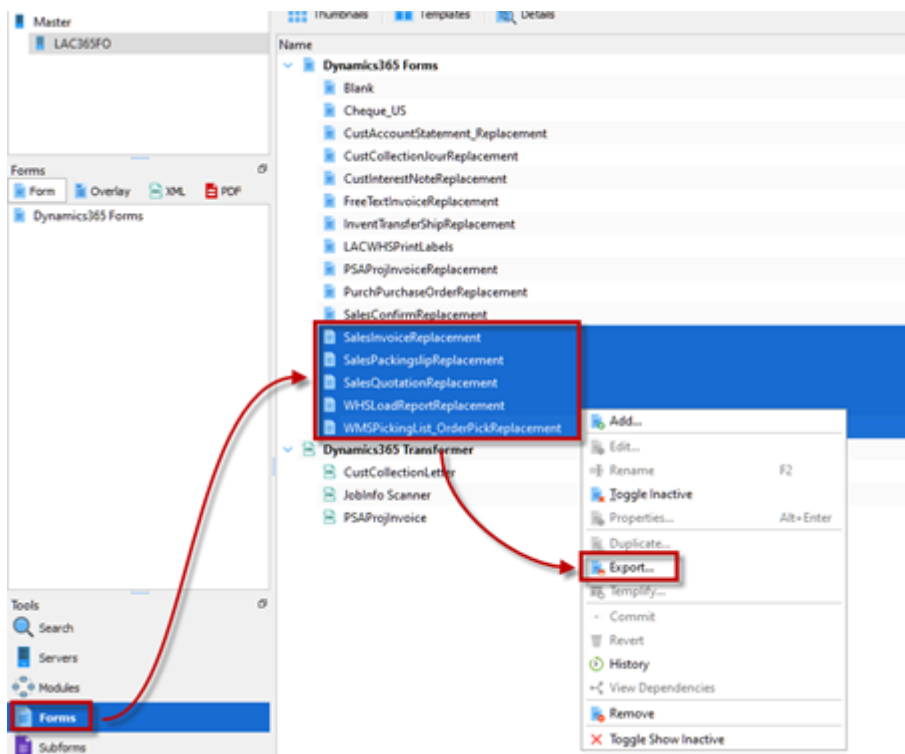
What's used exports the Form's design from Lasernet and imports it to Lascript FO Connector.

Once the design is imported, Lascript FO Connector will be able to show what is used in relation to the design in Lascript Developer (which data sources/tables and fields are used for the patterns and re-arranges within the Lascript Developer).

The following steps describe the process:

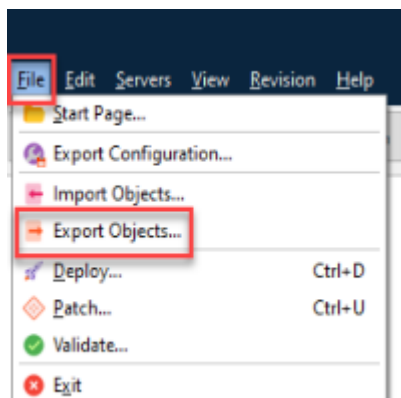
1. Export the required form from Lascript. It is possible to make an export containing multiple reports.

2. Either make the export from the form list by selecting the required form, **right click** and select **Export**,

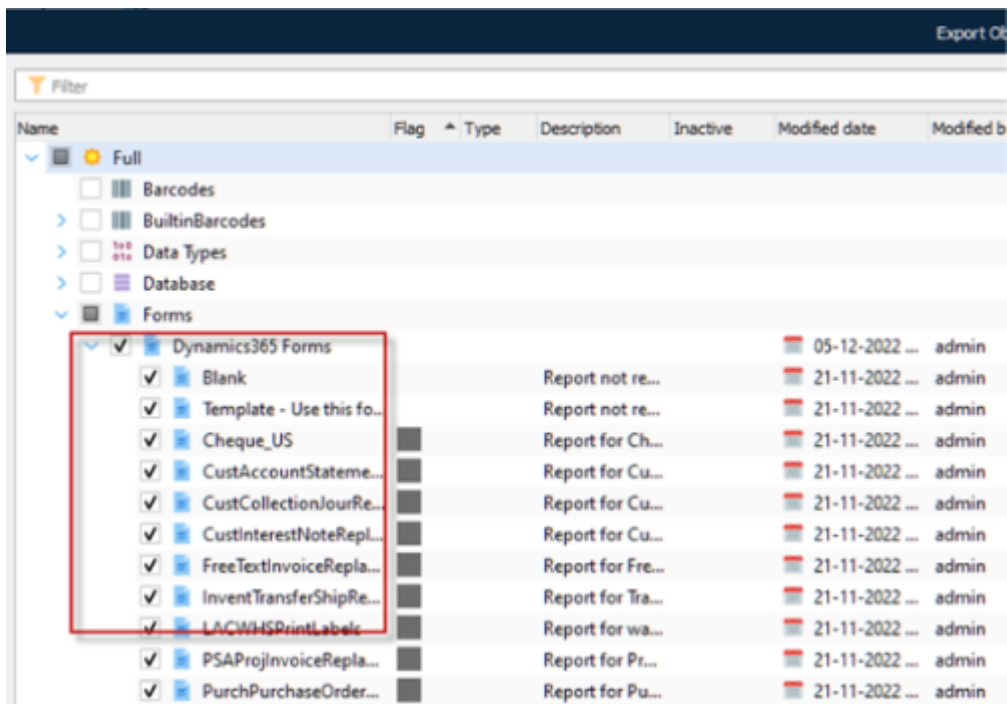


OR

click **File** in the top menu and select **Export Objects**.



3. Click **Forms** and select the required forms.

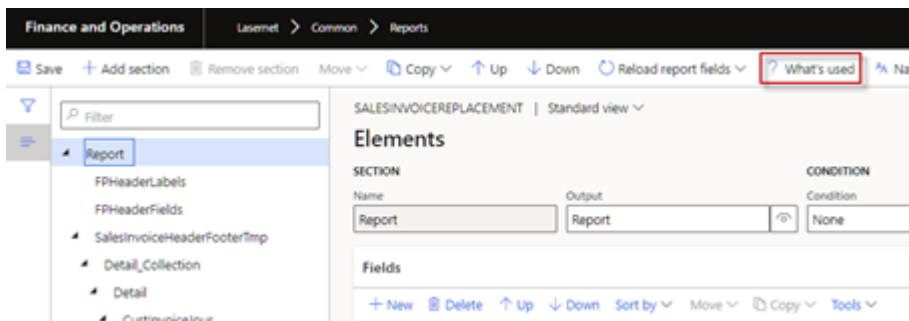


4. Provide a file name, such as SalesInvoiceReplacement in the following example.

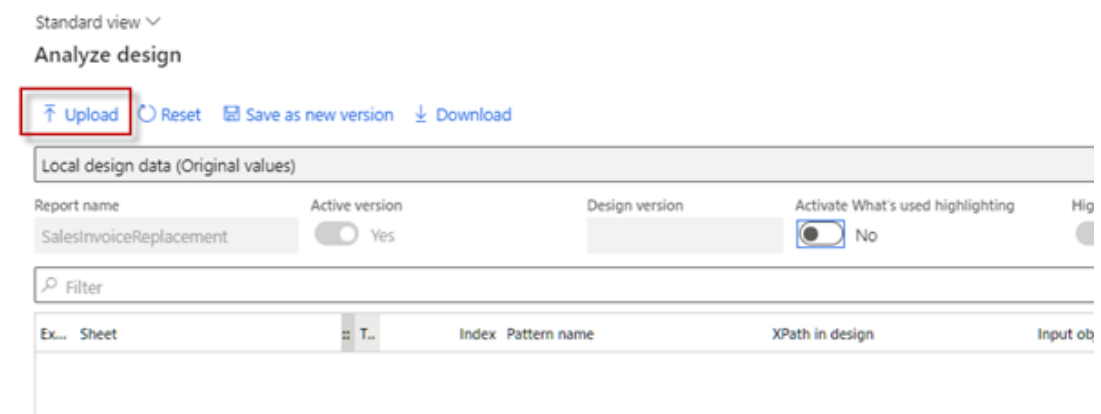
Filnavn:

Filttype:

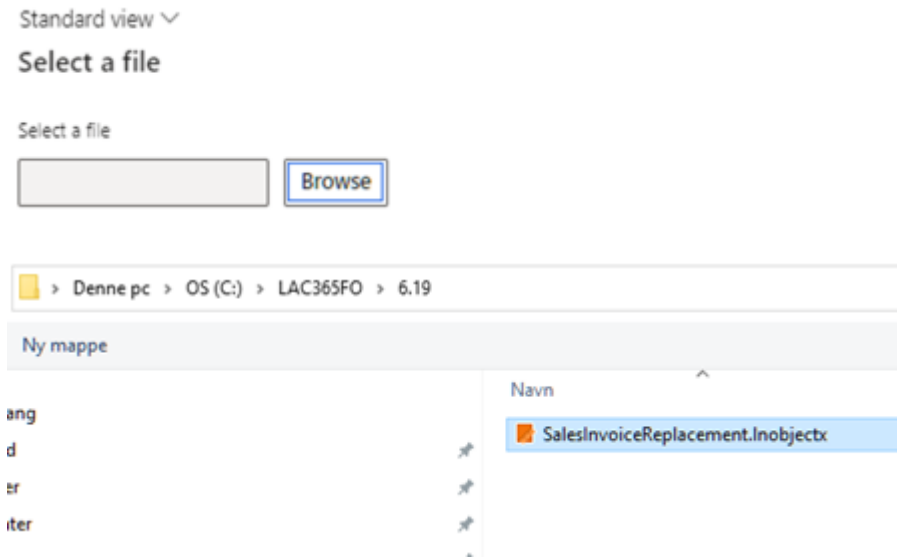
5. Locate **What's used** in Lasernet FO Connector, either within the **Structure** or the **Query Wizard**.



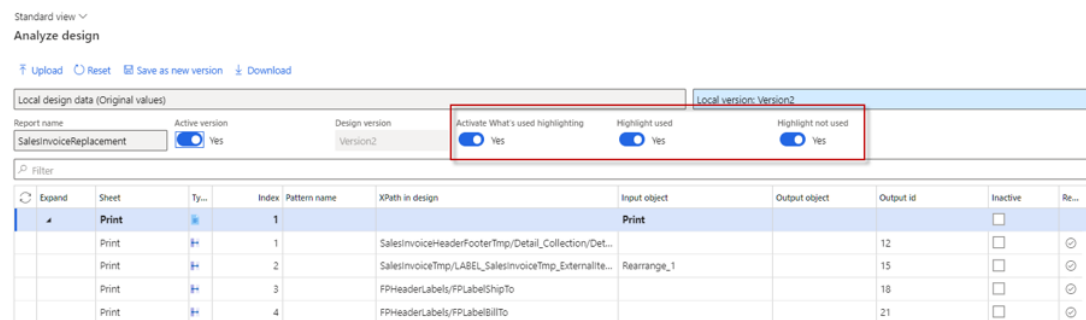
6. Select **Upload**.



7. Import the file containing the Lasernet forms/design, in this case **SalesInvoiceReplacement**.



8. Toggle the following buttons to Yes: **Activate What's used highlighting, Highlight used, Highlight not used**.



Command

Description

Activate What's used highlighting

Will enable **What's used**.

Highlight used

Will color used tables (patterns) and fields (rearranges) **Green**.

Highlight not used

Will color unused tables (patterns) and fields (rearranges) **Red**.

9. Close the form. The used and unused tables (patterns) and fields (re-arranges) are respectively **Green** and **Red** when all three settings are turned on.

Example from Structure (elements):

Finance and Operations | Lasernet > Common > Reports

Save + Add section Remove section Move Copy Up Down Reload report fields What's used Naming patterns

Filter

- Report
 - FPHheaderLabels
 - FPHheaderFields
 - SalesInvoiceHeaderFooterTmp
 - Detail_Collection
 - Detail
 - CustInvoiceJour
 - Detail_Collection
 - Detail
 - SalesInvoiceLocalizationTmp
 - Detail_Collection
 - Detail
 - SalesInvoicePaymentStubTmp
 - Detail_Collection
 - Detail
 - SalesInvoiceTmp
 - Detail_Collection
 - Detail
 - SysDocuBrandDetailsRegular
 - Detail_Collection
 - Detail

SALESINVICEREPLACEMENT | Standard view

Elements

SECTION

Name: Report Output: Report Condition: None

Fields

+ New Delete Up Down Sort by Move Copy Tools

Vi...	Condition	Name	Output

Details

Condition

Condition: [] Select

SALESINVICEREPLACEMENT | Standard view

Elements

SECTION

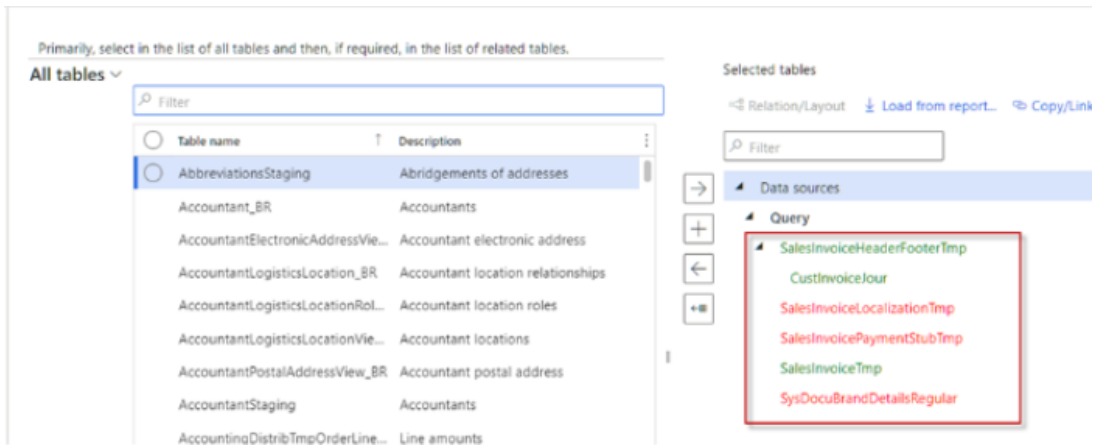
Name: Detail Output: Detail Condition: None

+ New Delete Up Down Sort by Move Copy Tools

Vi...	Condition	Name	Output	Expression	Type
	None	Recid	FIELD_CustInvoiceJour_Recid	CustInvoiceJour.Recid	Int54
	None	cashDiscTxt_LanguageId	FIELD_CustInvoiceJour_cashDisc...	CustInvoiceJour.cashDiscTxt_Lan...	String
	None	CurrencyCode	FIELD_CustInvoiceJour_Currency...	CustInvoiceJour.CurrencyCode	String
	None	SalesBalance	FIELD_CustInvoiceJour_SalesBala...	CustInvoiceJour.SalesBalance	Real
	None	SumMarkup	FIELD_CustInvoiceJour_SumMar...	CustInvoiceJour.SumMarkup	Real
	None	SumTax	FIELD_CustInvoiceJour_SumTax	CustInvoiceJour.SumTax	Real
	None	InvoiceRoundOff	FIELD_CustInvoiceJour_InvoiceR...	CustInvoiceJour.InvoiceRoundOff	Real
	None	InvoiceAmount	FIELD_CustInvoiceJour_InvoiceA...	CustInvoiceJour.InvoiceAmount	Real
	None	netAmount	FIELD_CustInvoiceJour_netAmo...	CustInvoiceJour.netAmount()	Real
	None	EndDisc	FIELD_CustInvoiceJour_EndDisc	CustInvoiceJour.EndDisc	Real

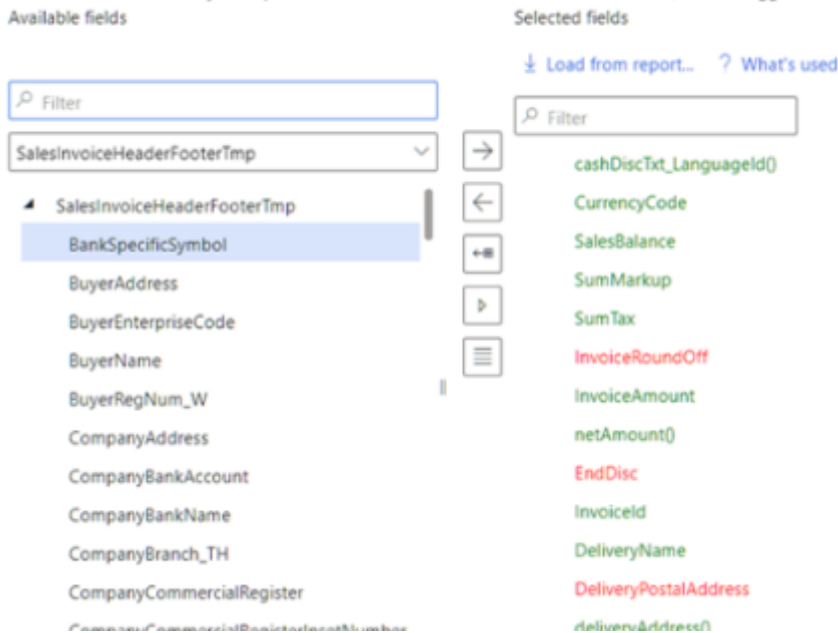
Example from the Query Wizard:

Tables



Fields

Choose fields to show in your report. You will be able to add fields in Elements form, but we suggest to add as much as possible.



It is now possible to remove fields and/or disable data sources/tables.

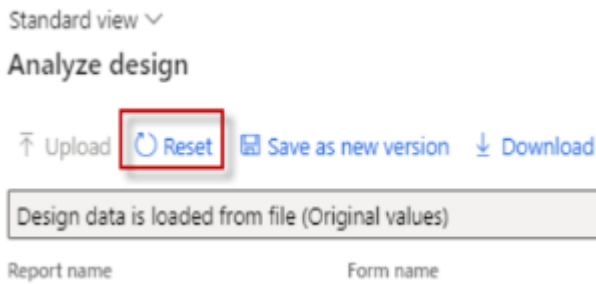
Please, always ensure you have a backup of both Lasernet FO Connector and Lاسernet before making any adjustments. Also, please remember that it is possible to schedule a backup of Lاسernet FO Connector (weekly, daily, etc.). For more information about backup scheduling, read our [FO User Guide](#).

Use **Update design** when you are disabling data sources/tables or when disabling **Create element for the data sources/tables**.

Update design can also assist in ensuring everything is included after a modification.

Removing unused fields should not require any update of the design.

Use **Reset** to overwrite an already imported Design/Form.



What's used also provides the option to search for the **Input** and **Output** objects used in Lasernet.

This tool searches across all patterns, which is extremely useful in the case of multiple patterns. It also provides an overview with the possibility to group items together.

It is also possible to adjust **Input** and **Output objects**, and export these from Lasernet FO Connector to then re-import the Form into the Lasernet Developer.

Expand	Sheet	Type	Index	Pattern name	XPath in design	Input object	Output object	Output id	Inactive	Re...
	Print		1		SalesInvoice-HeaderFooterTmp/Detail_Collection/Det...	Print		12	<input type="checkbox"/>	⊙
	Print		2		SalesInvoiceTmp/LABEL_SalesInvoiceTmp_Externalite...	Rearrange_1		15	<input type="checkbox"/>	⊙
	Print		3		FPHeaderLabels/FPLabelShipTo			18	<input type="checkbox"/>	⊙
	Print		4		FPHeaderLabels/FPLabelBillTo			21	<input type="checkbox"/>	⊙
	Print		5		SalesInvoiceTmp/LABEL_SalesInvoiceTmp_PrintCode			24	<input type="checkbox"/>	⊙
	Print		6		SalesInvoiceTmp/LABEL_SalesInvoiceTmp_TaxCode			27	<input type="checkbox"/>	⊙
	Print		7		SalesInvoiceTmp/LABEL_SalesInvoiceTmp_TaxAmount			30	<input type="checkbox"/>	⊙
	Print		8		SalesInvoiceTmp/LABEL_SalesInvoiceTmp_TaxBaseQty			33	<input type="checkbox"/>	⊙
	Print		9		SalesInvoiceTmp/LABEL_SalesInvoiceTmp_TaxBaseA...			36	<input type="checkbox"/>	⊙

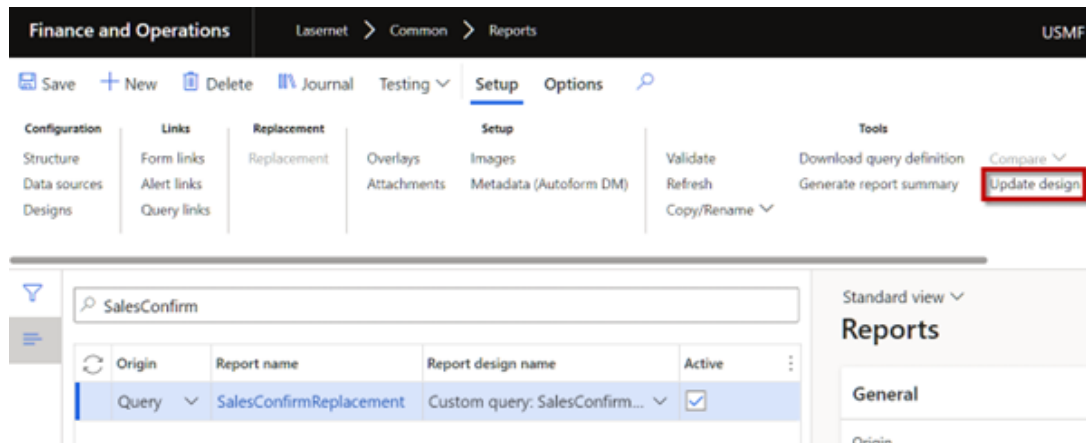
Another advantage of removing unused tables and fields is the improved performance as removing unused information will lower the size of any generated XMLfile.

This can also speed processes up in case many records in a table are unused.

Update design (Example)

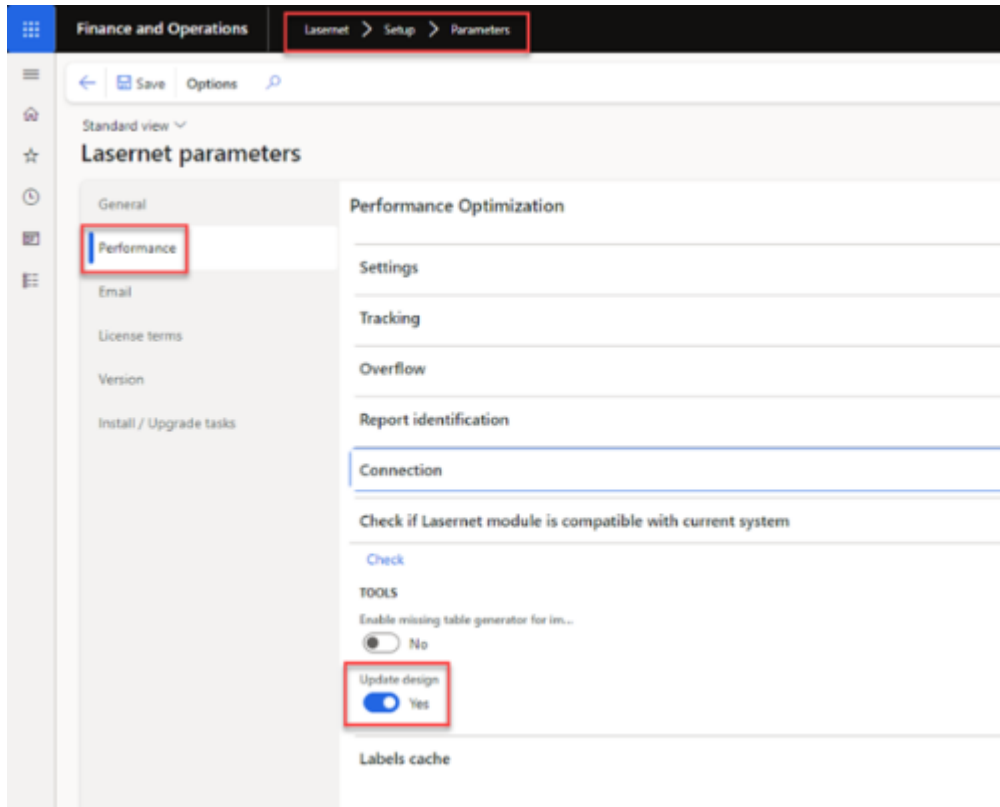
The option to auto-update a Lasernet design is the outcome of our effort to improve the interactions between Lasernet and the Lasernet Connectors, such as Lasernet FO Connector

It is located at report level: **Lasernet > Common > Reports.**



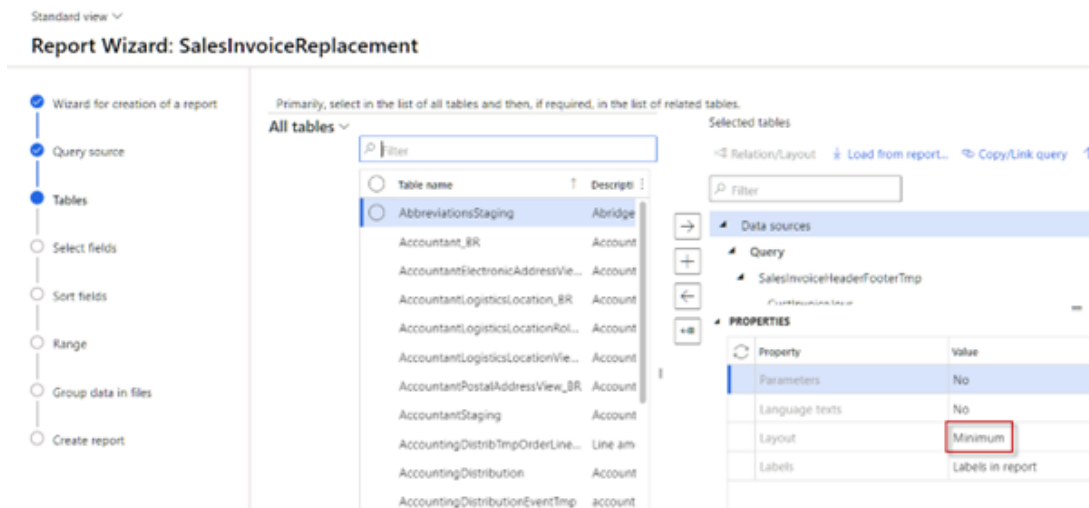
Update design is not enabled by default but can be enabled in the following location:

Lasernet > Setup > Parameters > Performance.

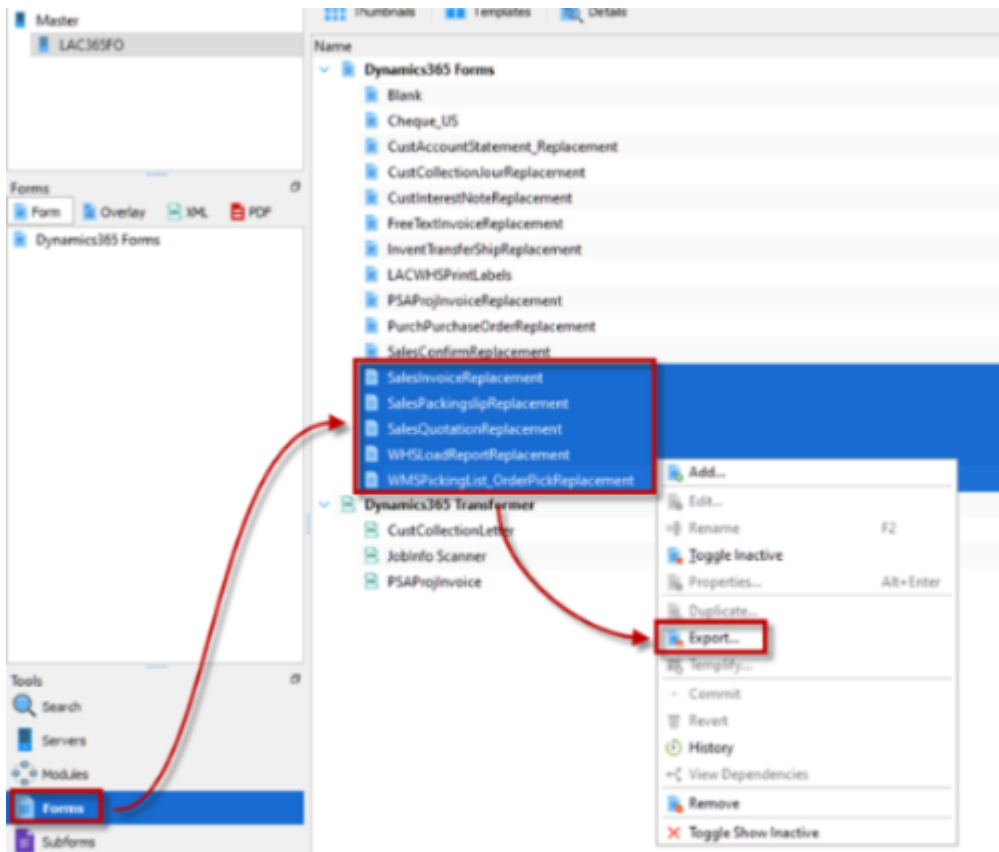


The following steps describe the process:

1. Ensure the Layout for the Query/Report (here **SalesInvoiceReplacement**) is set to Minimum. Ensure the last Grab/XML file is run with Layout set to Minimum as well.

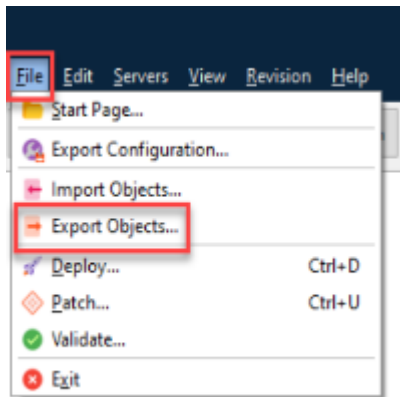


2. Export the required form(s) from Lascript. It is possible to make an export containing many reports. Either make the export from the form list by selecting the required form, **right click** and select **Export**,

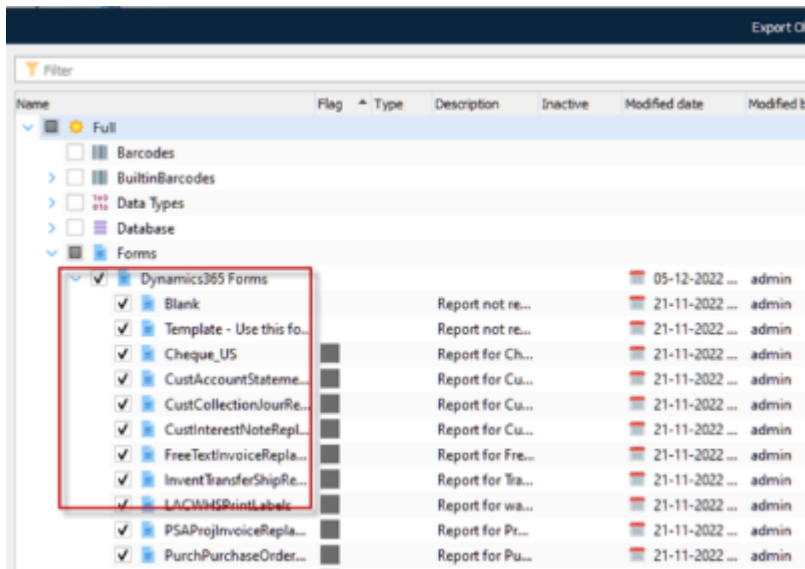


OR

select **File** in the top menu and select **Export Objects**.

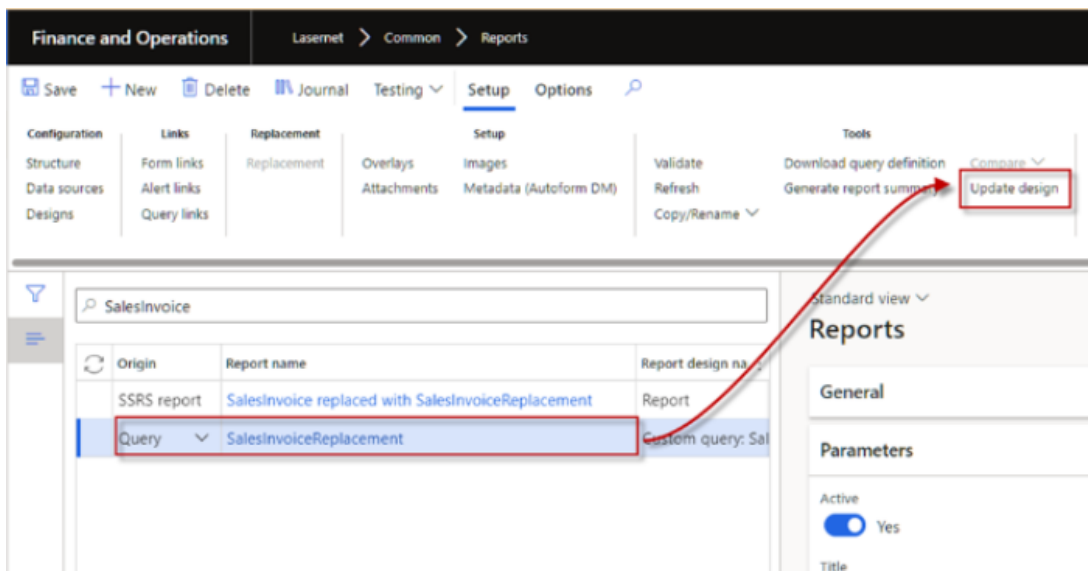


3. Click **Forms** and select the required forms.

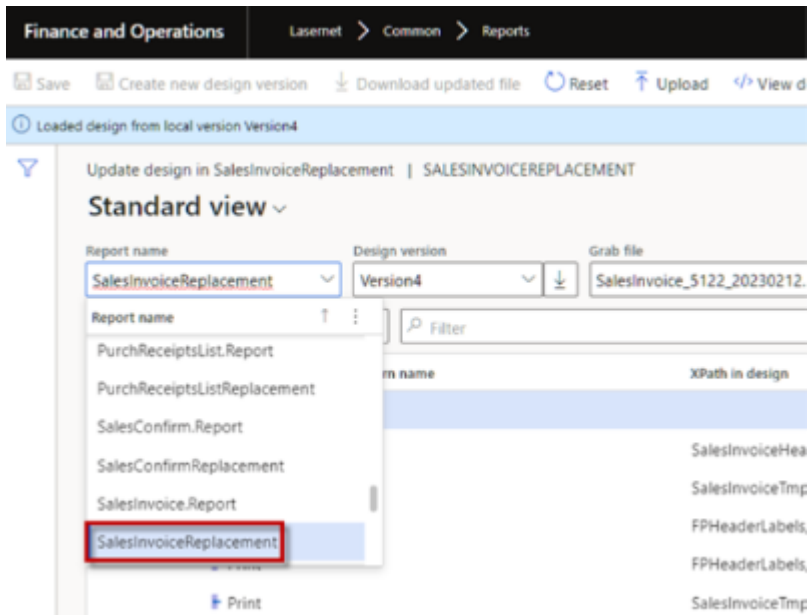


4. Provide a file name (**AllReports** in this case).

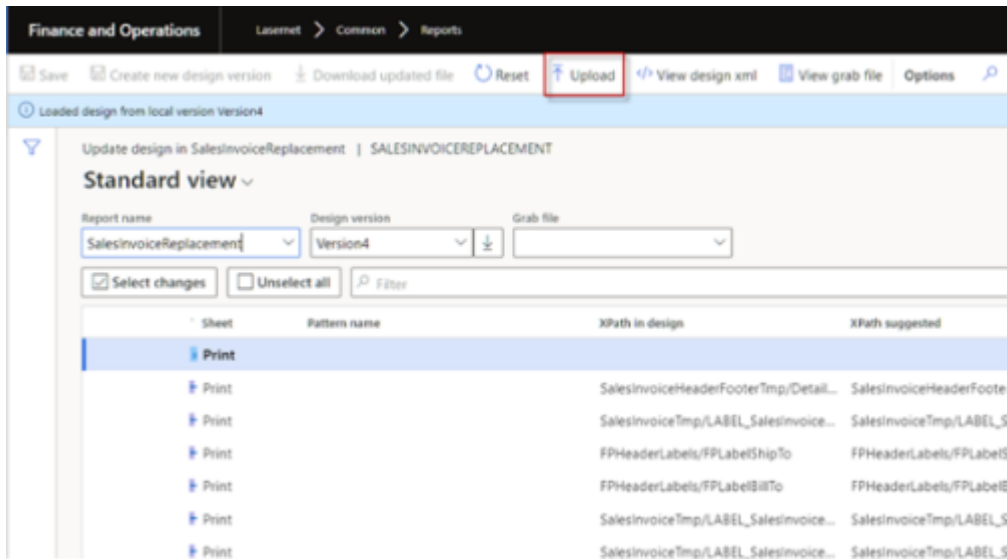
5. Locate the report in Lasernet FO Connector or select the report when opening **Update design**.



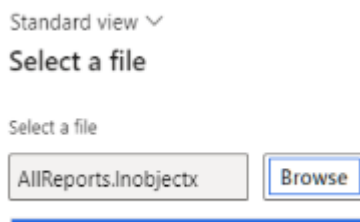
It is possible to select the report from the lookup **Report name**.



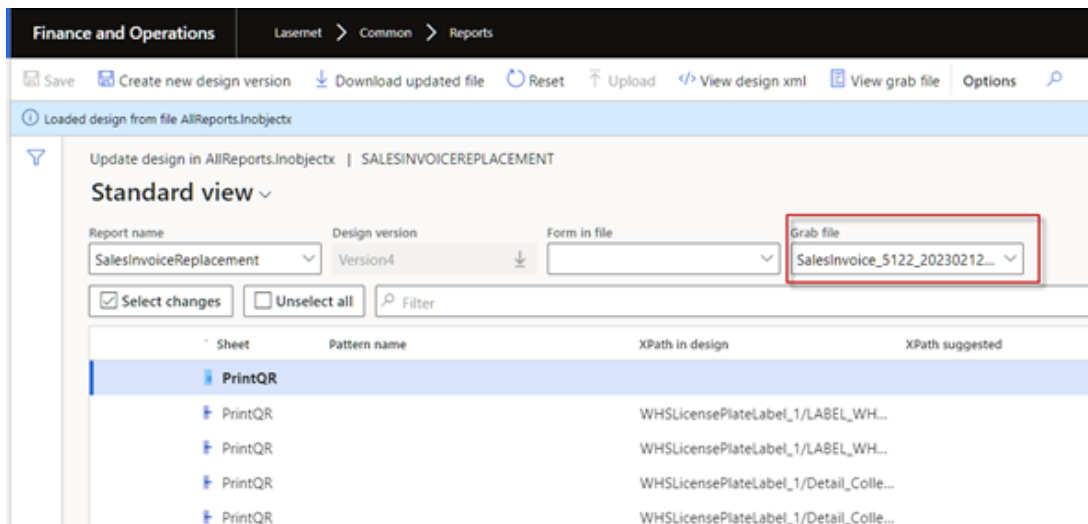
6. Click **Upload**.



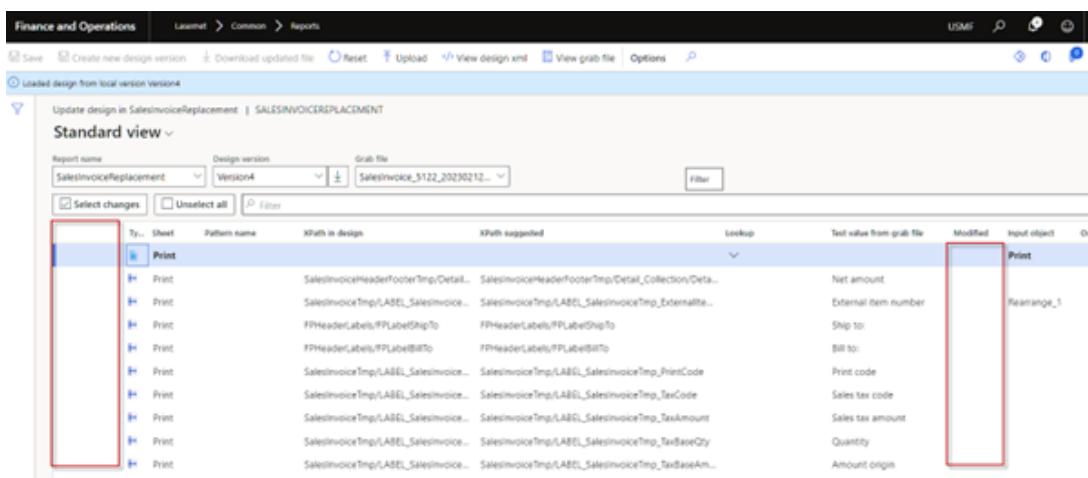
7. Select the exported file containing the form(s) from Lasetnet.



8. Ensure a Grab file is selected.



No modifications should be shown at this point.

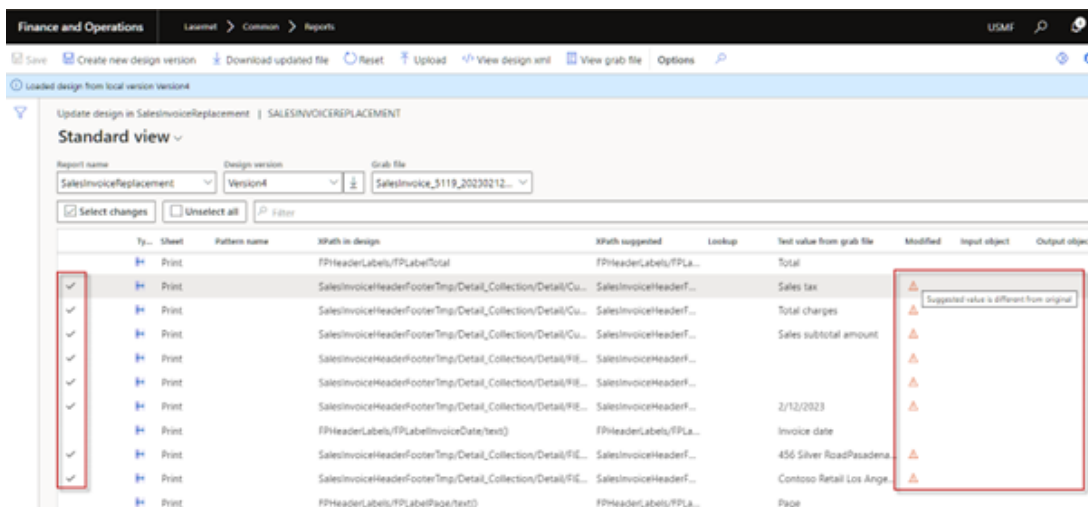


9. Change the Layout from **Minimum** to **Maximum** within the report's Query Wizard.

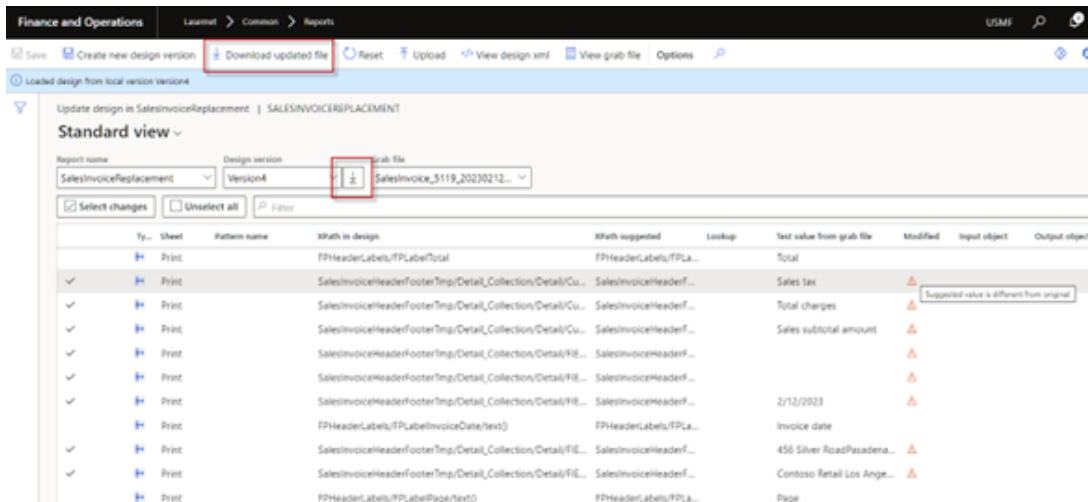
10. Re-run the report.

11. Re-open **Update design**.

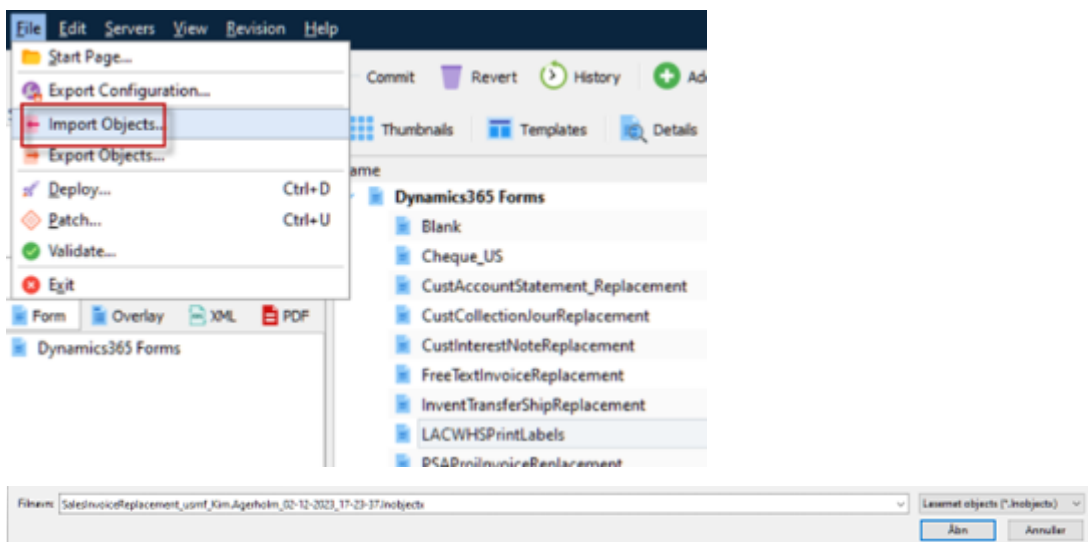
Modifications are now shown when selecting the newly created Grab file.



12. Download the modifications, either by using **Download updated file** or the **Download** icon. It is possible to create a new version by using **Create new design version**.



13 . Import the newly created .Inobject file into Lasernet.



14. **Patch** or **Commit** and **Deploy** in Lasetnet.

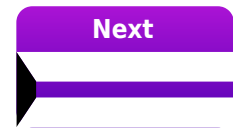
15. Re-run the report in Dynamics.

New re-arranges are now adjusted and used with Lasetnet (the patterns and re-arranges are changed in Lasetnet).

- Layout: Maximum

Contains the sections **Detail collection** and **Detail**

Within the Lasetnet Developer:



Related Content

- [Lasernet FO Connector 6.19 is now available](#)
- [Lasernet FO Connector 6.19 Release Notes](#)
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