

Formpipe Software

Lasernet Connector for Microsoft Dynamics AX 2012 Release notes

Lasernet Connector for Microsoft Dynamics AX version 4.0.0.0

Lasernet
by Formpipe

Kim Franck Agerholm
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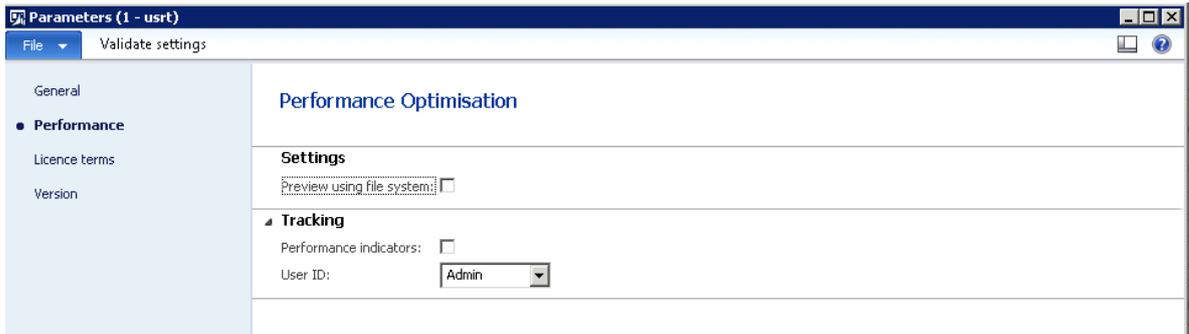
Performance

Simplified and precompiled style sheet are used, to achieve better performance.

To get better performance when previewing a document within AX2012 a Web server are used.

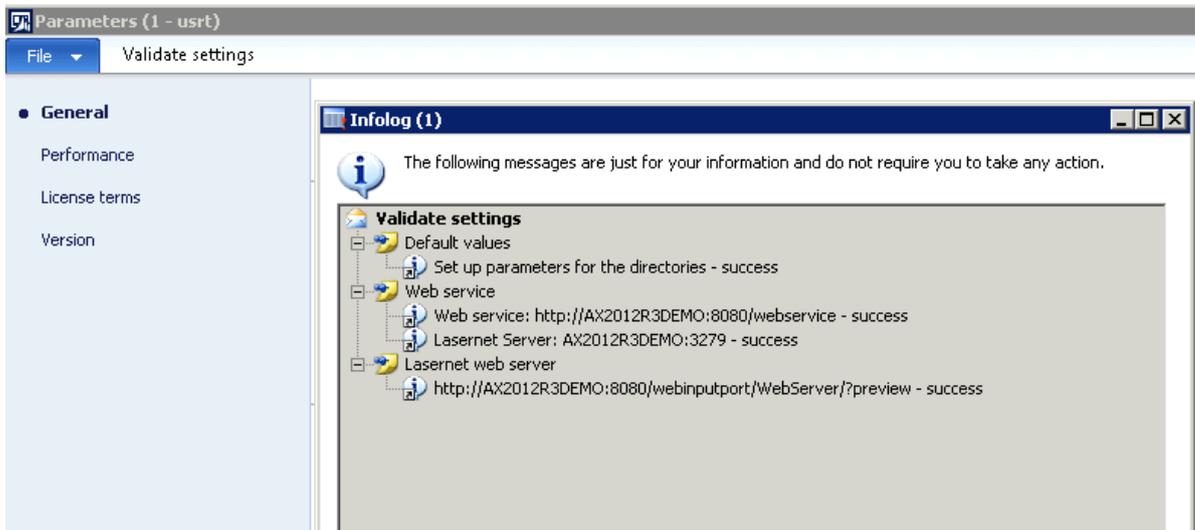
In the Lasernet parameters, it is possible to select preview using file system if needed.

A performance indicator can be activated, by marking Performance indicators and a User Id. This would show an info containing time of processing after the report has been processed.



Settings in parameters are validated using the button *validate settings*.

The *validate settings* validates AOS access to directories and correct configuration of the Web server and Webservices in the Lasetnet configuration.



Related sources

Value in range

Value in a range are selected using the *expression.value* which ensures existence of the selected value.

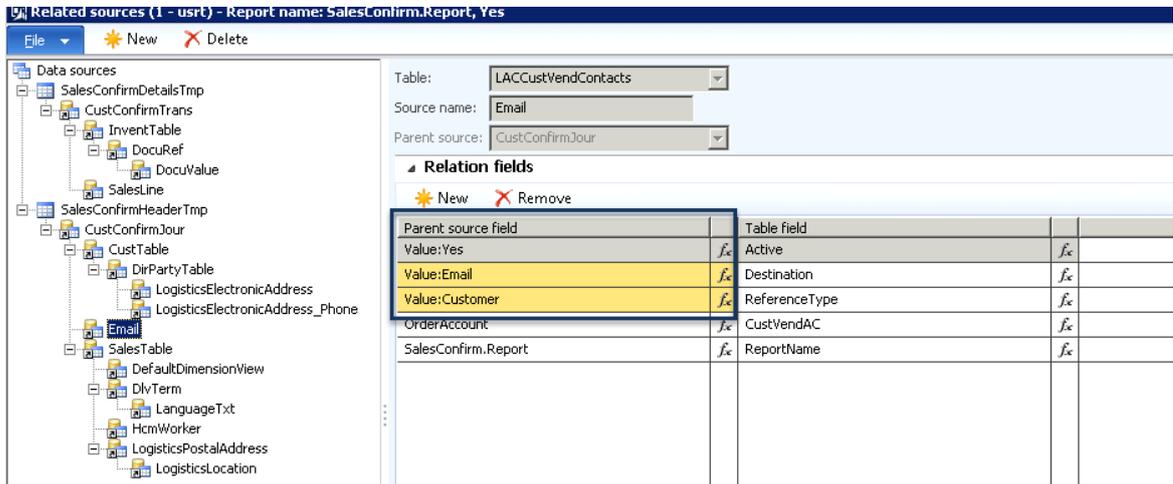


Table: LACCustVendContacts
 Source name: Email
 Parent source: CustConfirmJour

Relation fields	
Parent source field	Table field
Value:Yes	Active
Value:Email	Destination
Value:Customer	ReferenceType
OrderAccount	CustVendAC
SalesConfirm.Report	ReportName

Multiple join of tables

Multiple tables can be joined using expression – This gives the option to make a relation between several of tables.

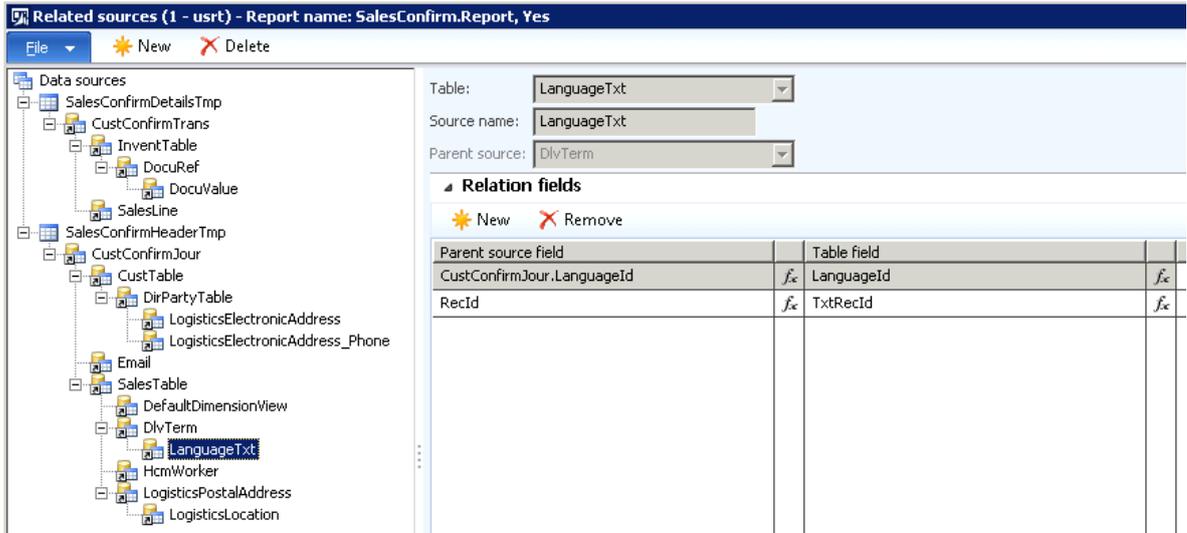
In the following example there is a relation between:

CustConfirmJour.LanguageId = LanguageTxt.LanguageId
 (selected using expression)

and

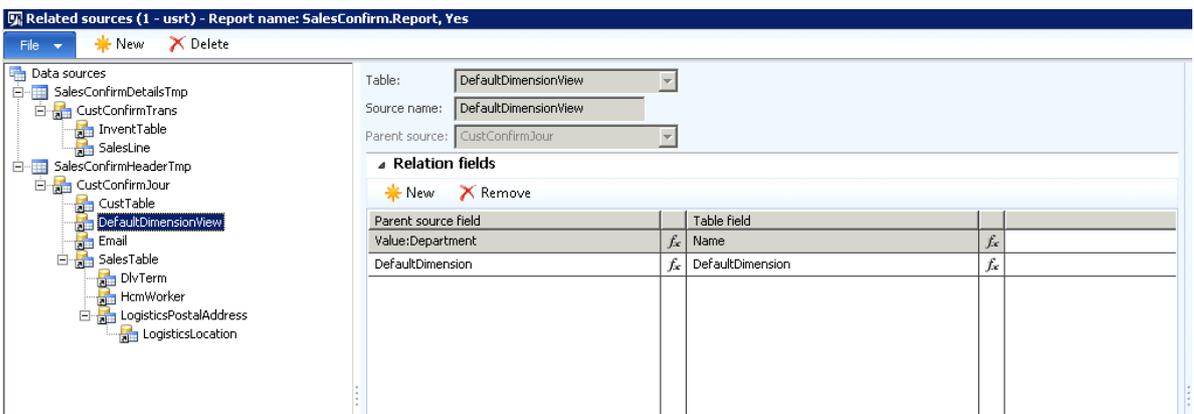
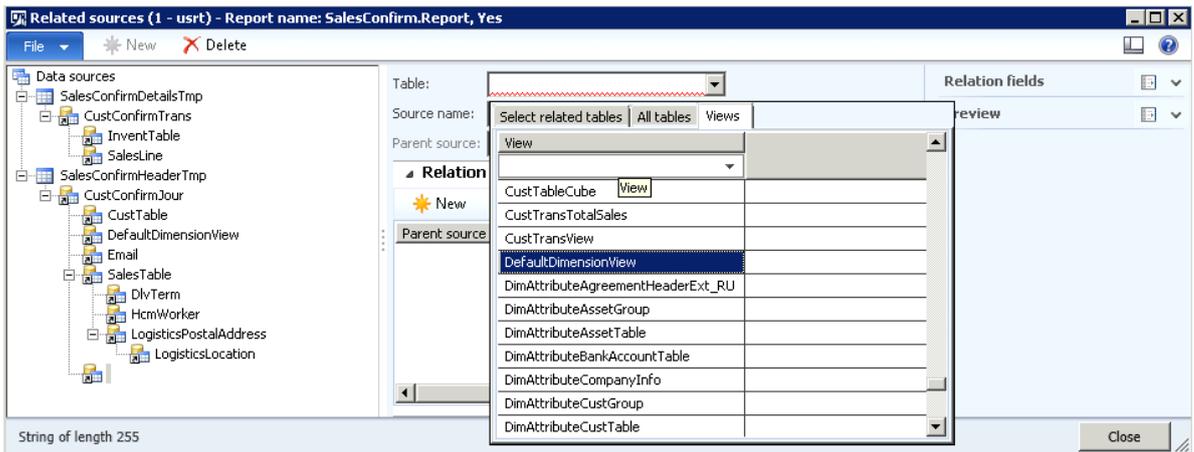
DlvTerm.RecId = LanguageTxt.TxtRecId

Expression can be used both for the source (right side of the range) and parent source (left side of the range)



Views

Views can be used in relations like tables. As example this could be used for finding dimension related to *CustTable*, *SalesTable*, *SalesLine* or a journal.



Any fields/methods from the view can now be used alllover (using the expression) in the Lasernet connector within AX2012 (Element output, any condition, file naming, email subject/body etc.)

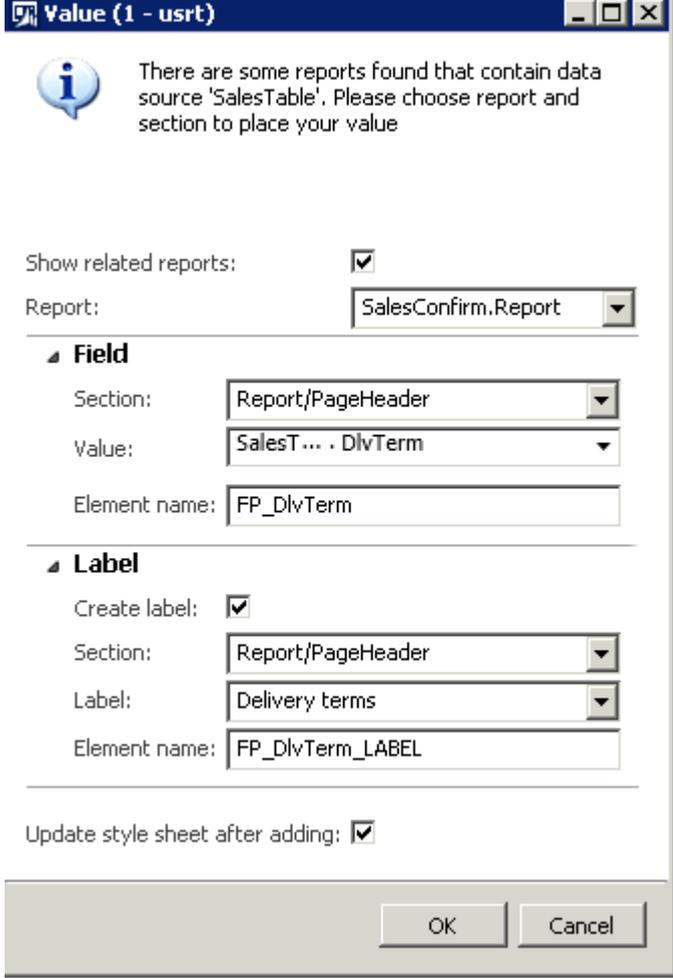
OneClick

Validation of section

A typed section are validated when the field are added to the section.

Adding label with OneClick

It is possible to add field label when the field are added using OneClick. The name of the label would be the same as the fieldname with `_Label` as postfix.



Value (1 - usrt)

 There are some reports found that contain data source 'SalesTable'. Please choose report and section to place your value

Show related reports:

Report:

Field

Section:

Value:

Element name:

Label

Create label:

Section:

Label:

Element name:

Update style sheet after adding:

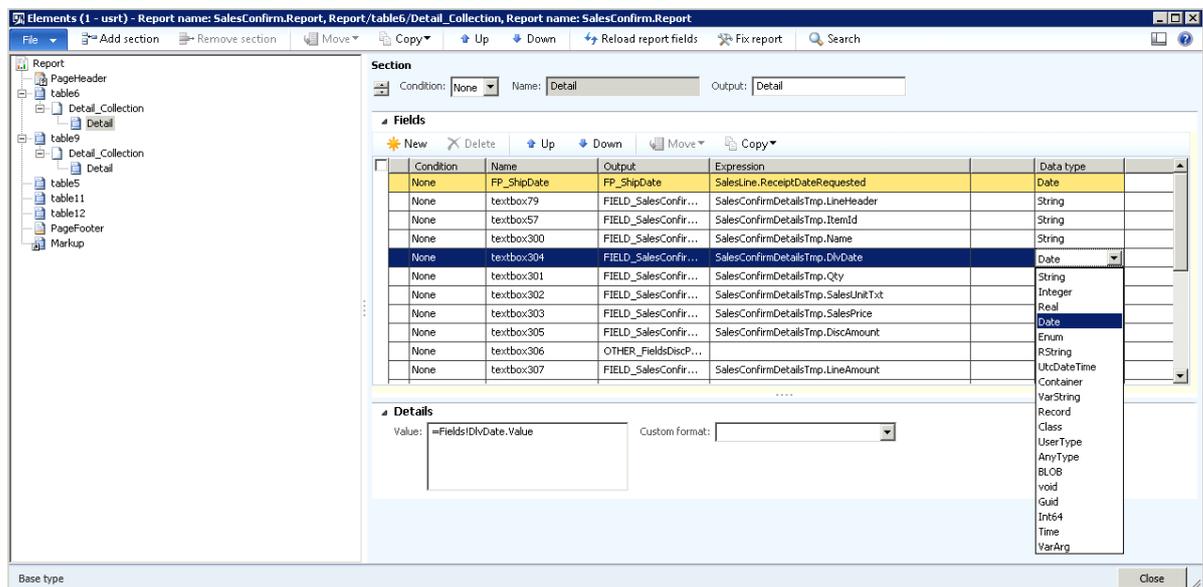
Elements

Date and time

It is possible to overwrite the format of the output for each elements by selecting the Data type:

- Date* returns only the date
- Time* return just the time
- UtcDateTime* returns Date with a time stamp.

When a field with the datatype *UtcDateTime* are loaded from the SSRS report it would as default be created as a Date. This can afterwards be changed in the Data type and a warning would appear next time loading this element.



Condition	Name	Output	Expression	Data type
None	FP_ShipDate	FP_ShipDate	SalesLine.ReceiptDateRequested	Date
None	textbox79	FIELD_SalesConfir...	SalesConfirmDetailsTmp.LineHeader	String
None	textbox57	FIELD_SalesConfir...	SalesConfirmDetailsTmp.ItemId	String
None	textbox300	FIELD_SalesConfir...	SalesConfirmDetailsTmp.Name	String
None	textbox304	FIELD_SalesConfir...	SalesConfirmDetailsTmp.DivDate	Date
None	textbox301	FIELD_SalesConfir...	SalesConfirmDetailsTmp.Qty	String
None	textbox302	FIELD_SalesConfir...	SalesConfirmDetailsTmp.SalesUnitTxt	Integer
None	textbox303	FIELD_SalesConfir...	SalesConfirmDetailsTmp.SalesPrice	Real
None	textbox305	FIELD_SalesConfir...	SalesConfirmDetailsTmp.DiscAmount	Enum
None	textbox306	OTHER_FieldsDiscP...		RString
None	textbox307	FIELD_SalesConfir...	SalesConfirmDetailsTmp.LineAmount	UtcDateTime

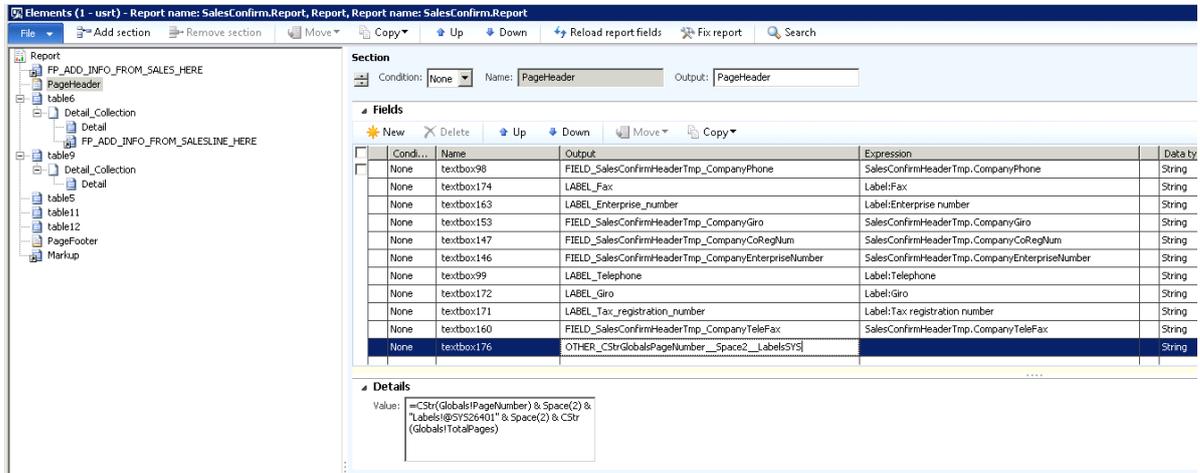
Details
Value: =Fields!DivDate.Value Custom format: [dropdown]

BLOB

The Data type *BLOB* will encode the value into binary data (this can be decoded in the Lasernet designer and used for showing item pictures as example).

Page-header/footer

Values calculated in formulas in Pageheader and Pagefooter are rendered into the XML file.



The screenshot shows the 'Elements' tool interface for a report named 'SalesConfirm.Report'. The 'Section' configuration is set to 'PageHeader'. A table lists the fields to be rendered in the page header:

Cond...	Name	Output	Expression	Data ty
None	textbox98	FIELD_SalesConfirmHeaderTmp_CompanyPhone	SalesConfirmHeaderTmp_CompanyPhone	String
None	textbox174	LABEL_Fax	Label:Fax	String
None	textbox163	LABEL_Enterprise_number	Label:Enterprise number	String
None	textbox153	FIELD_SalesConfirmHeaderTmp_CompanyGiro	SalesConfirmHeaderTmp_CompanyGiro	String
None	textbox147	FIELD_SalesConfirmHeaderTmp_CompanyCoRegNum	SalesConfirmHeaderTmp_CompanyCoRegNum	String
None	textbox146	FIELD_SalesConfirmHeaderTmp_CompanyEnterpriseNumber	SalesConfirmHeaderTmp_CompanyEnterpriseNumber	String
None	textbox99	LABEL_Telephone	Label:Telephone	String
None	textbox172	LABEL_Giro	Label:Giro	String
None	textbox171	LABEL_Tax_registration_number	Label:Tax registration number	String
None	textbox160	FIELD_SalesConfirmHeaderTmp_CompanyTeleFax	SalesConfirmHeaderTmp_CompanyTeleFax	String
None	textbox176	OTHER_CStrGlobalsPageNumber__Space2__LabelsSYS		String

The 'Details' section shows the formula for the last field:

```
Value: =CStr(GlobalsPageNumber) & Space(2) & Labels@51526401" & Space(2) & CStr(GlobalsTotalPages)
```



The screenshot shows the XSL viewer displaying the XML output for the page header. The XML structure is as follows:

```
<FIELD_SalesConfirmHeaderTmp_CompanyGiro />
<FIELD_SalesConfirmHeaderTmp_CompanyCoRegNum />
<FIELD_SalesConfirmHeaderTmp_CompanyEnterpriseNumber />
<LABEL_Telephone>Telefon</LABEL_Telephone>
<LABEL_Giro>Giro</LABEL_Giro>
<LABEL_Tax_registration_number>SE-nummer</LABEL_Tax_registration_number>
<FIELD_SalesConfirmHeaderTmp_CompanyTeleFax />
<OTHER_CStrGlobalsPageNumber__Space2__LabelsSYS>1 af 1</OTHER_CStrGlobalsPageNumber__Space2__LabelsSYS>
</PageHeader>
- <table6>
```

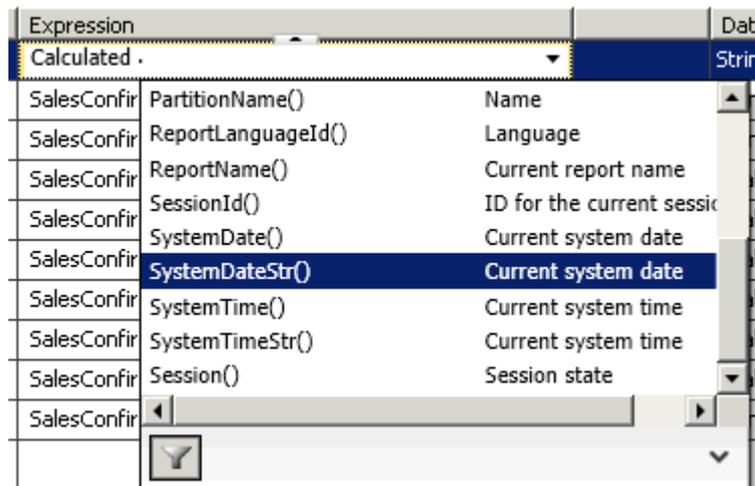
Expression

System-date/time

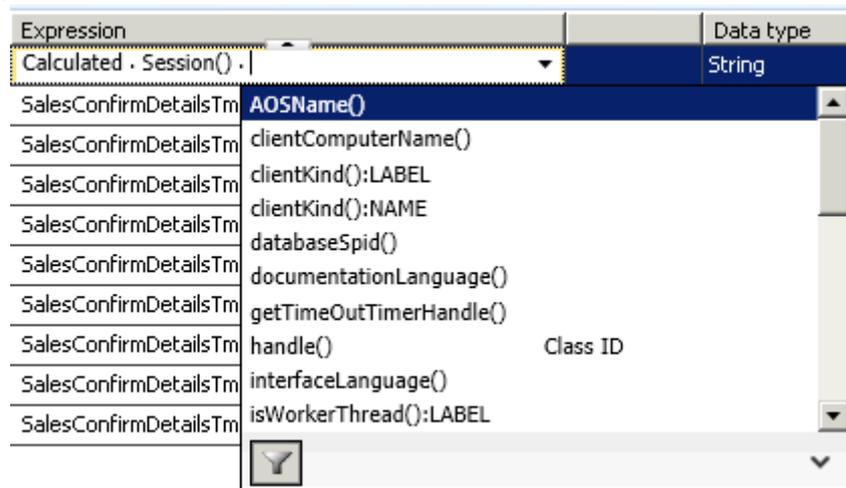
When *Calculated.SystemDateStr()* are used it will return the current date without any separators.
 <FPDateStr>20140731</FPDateStr> - 2014-07-31

When *Calculated.SystemTimeStr()* are used it will return the current time without any separators.
 (<FPTimeStr>111542</FPTimeStr>) - 11:15:42

Both *Calculated.SystemDateStr()* and *Calculated.SystemTimeStr()* can be used in filenames because the separators are excluded.

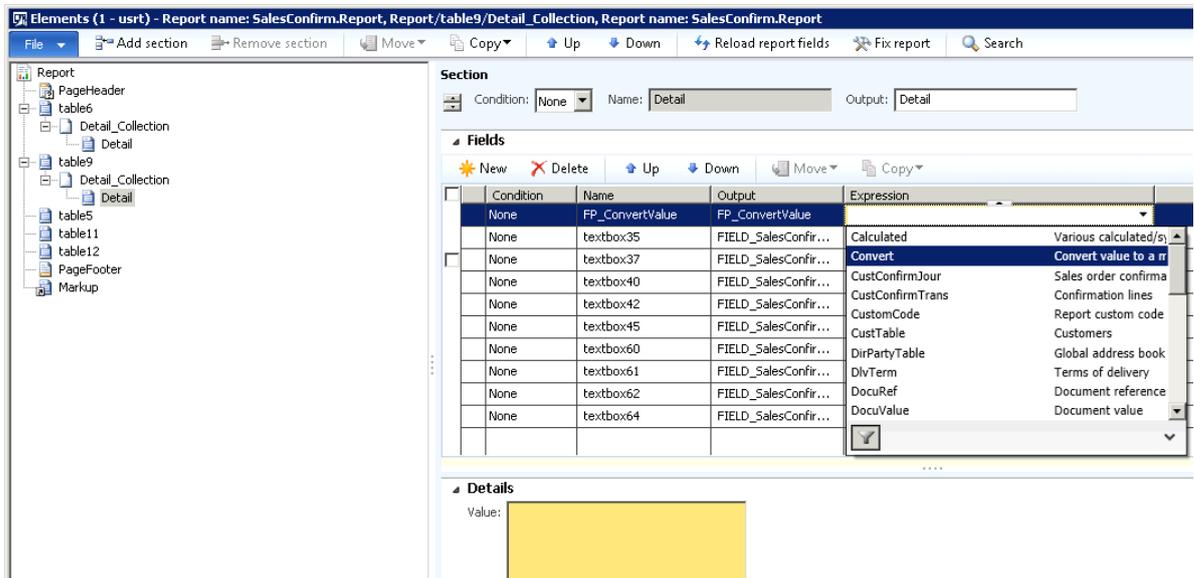


Session() can be selected from Calculated. As example this can extract the AOS-name which can be used as criteria in the Lasernet server to identify if the current environment are allowed to post emails or not.



Convert

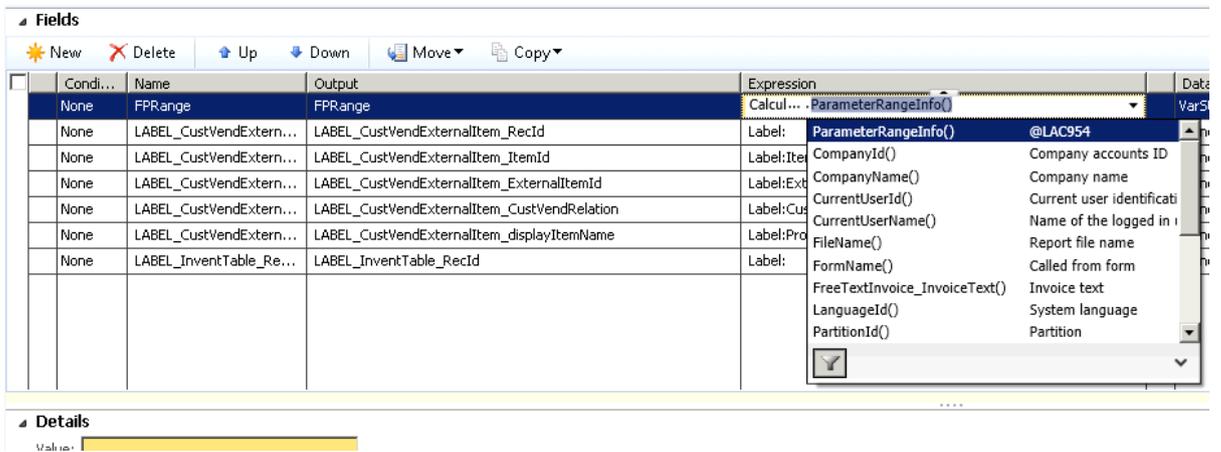
Convert can be selected in expression and it is possible to make several of conversion in same expression (conversion can contain a conversion)



Range / Sorting

Calculated.ParameterRangeInfo() can be used to get selected ranges and sorting from the report.

The output would be a substructure containing information about ranges and sort fields.



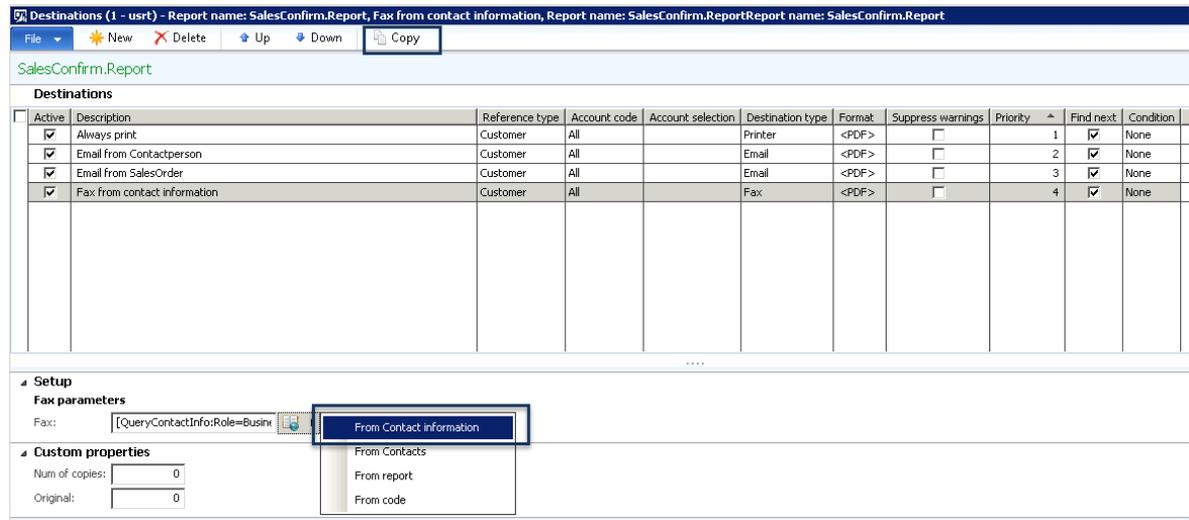
Predefined destinations

Copy of destination

An existing destination can be copied to a new entry in the destinations.

Contact information

Information from contact information can be used to retrieve email addresses and fax numbers.



Destinations (1 - usrt) - Report name: SalesConfirm.Report, Fax from contact information, Report name: SalesConfirm.Report

File New Delete Up Down Copy

SalesConfirm.Report

Active	Description	Reference type	Account code	Account selection	Destination type	Format	Suppress warnings	Priority	Find next	Condition
<input checked="" type="checkbox"/>	Always print	Customer	All		Printer	<PDF>	<input type="checkbox"/>	1	<input checked="" type="checkbox"/>	None
<input checked="" type="checkbox"/>	Email from Contactperson	Customer	All		Email	<PDF>	<input type="checkbox"/>	2	<input checked="" type="checkbox"/>	None
<input checked="" type="checkbox"/>	Email from SalesOrder	Customer	All		Email	<PDF>	<input type="checkbox"/>	3	<input checked="" type="checkbox"/>	None
<input checked="" type="checkbox"/>	Fax from contact information	Customer	All		Fax	<PDF>	<input type="checkbox"/>	4	<input checked="" type="checkbox"/>	None

....

Setup

Fax parameters

Fax: [QueryContactInfo:Role=Busine] 

Custom properties

Num of copies:

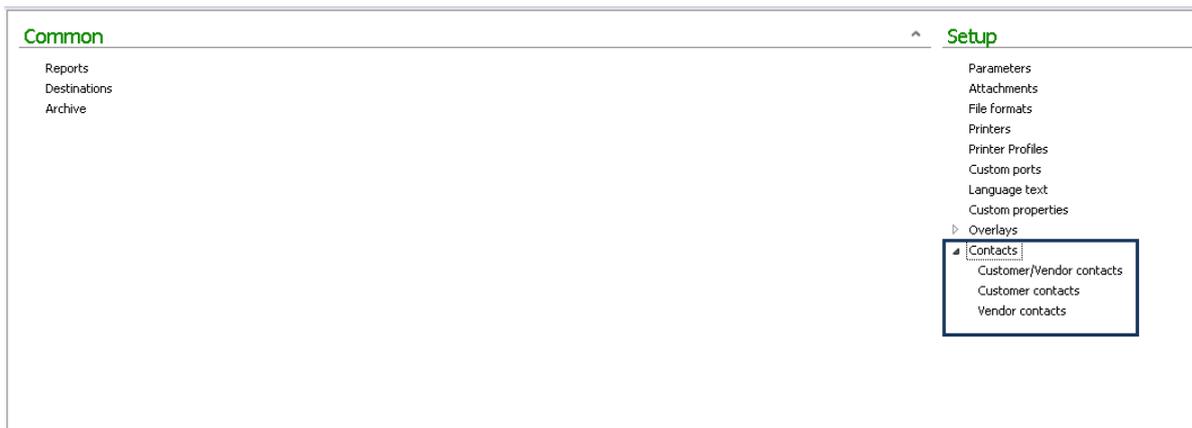
Original:

Customer/vendor contacts

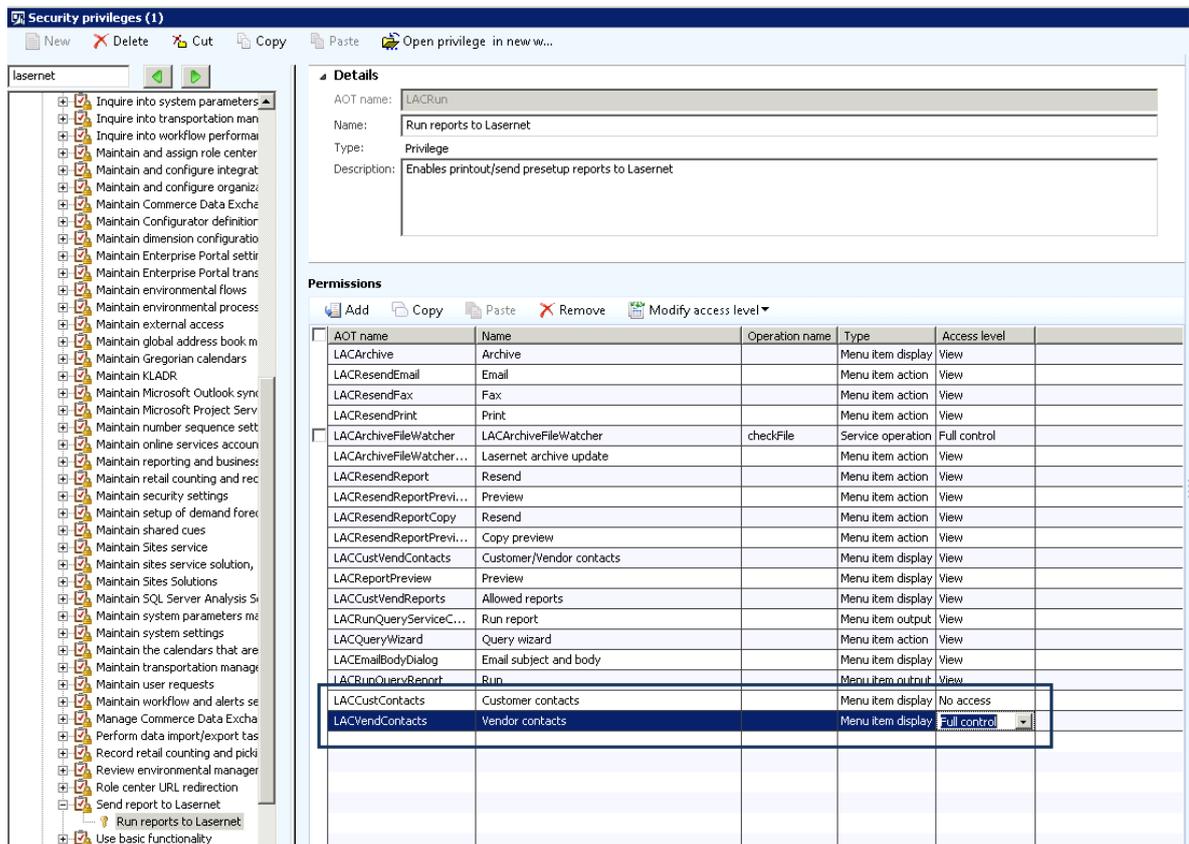
Separated customer and vendor contacts

Customer and vendor contacts are separated into two different forms with two different permission.

By separating customer and vendor contacts it is possible to give a user permission to both customer and vendor contact or only to either customer or vendor contacts.



Permission/access are configured in Security privileges Send report to Lasernet / Configure Lasetnet reports.



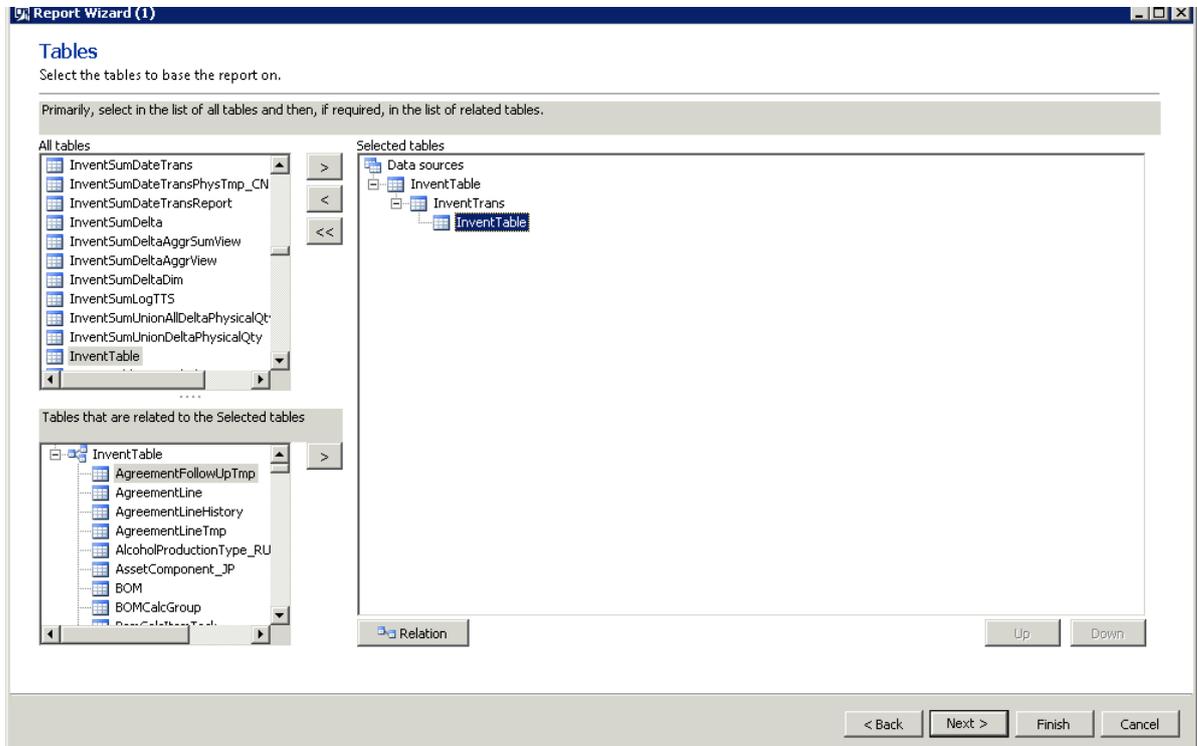
Customer and vendor names are shown in all customer and vendor related forms.

Printer profile in customer/vendor contacts

In customer and vendor contacts a printer profile can be added.

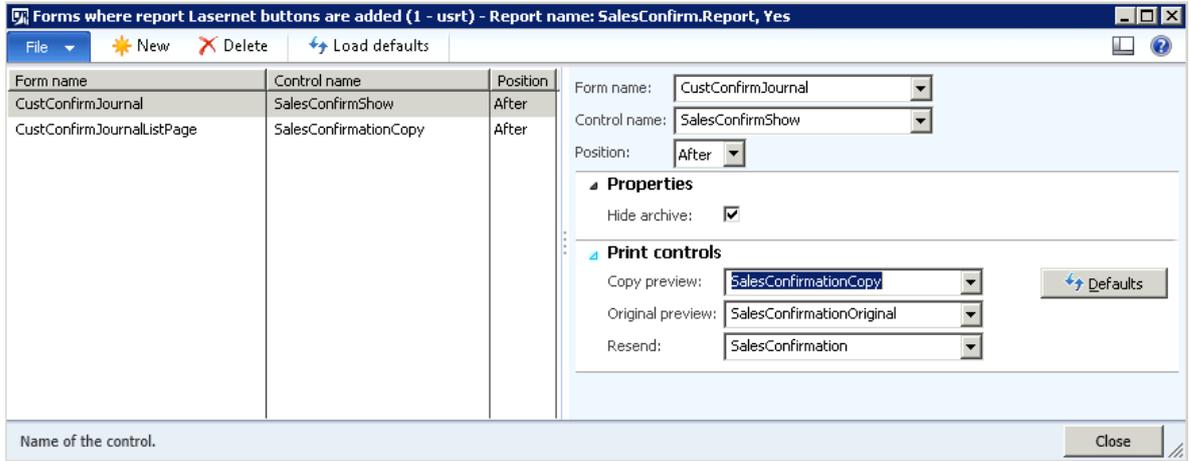
Query Wizard

In the query wizard it is possible to reuse the same table several of times and relation between two tables can be defined manually.



Reprint in forms

For any standard AX2012 forms and journals the archive can be hidden.



Form name	Control name	Position
CustConfirmJournal	SalesConfirmShow	After
CustConfirmJournalListPage	SalesConfirmationCopy	After

Form name: CustConfirmJournal
 Control name: SalesConfirmShow
 Position: After

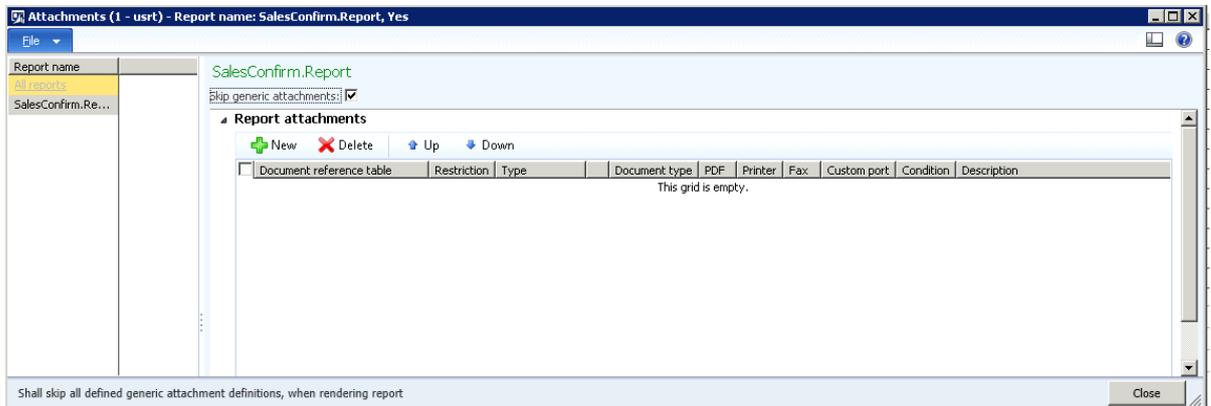
Properties
 Hide archive:

Print controls
 Copy preview: SalesConfirmationCopy
 Original preview: SalesConfirmationOriginal
 Resend: SalesConfirmation

Name of the control. Close

Attachment

It is possible to skip generic document attachments like working with overlays.



Regional settings

The label name for the *regional settings* are changed to *custom format*.

Regional settings are using the culture from the AOS and the decimals are set from the Extended datatype within AX2012.

When using 'No formatting (raw data)' ISO 8601 are used.

General / Enhancements

License code are needed to activate the Lasernet connector within AX2012

Preview folder

Files in the Preview folder are automatically deleted

Validating directories in parameters

XML archive folder and PDF archive was not validated correctly if no values where typed in. The validate settings is now handling the validation correctly.

Reload report fields

When reload fields are selected info about fieldname within elements are shown in brackets (fieldname).

Bug fixes

Placeholders in printer dialog

Information form email body/subject was not saved correctly in the printer dialog. User settings are now saved correctly.

Customer/vendor contacts

The same report where shown several of times when using lookup on the reportname. Now the same report are only shown once even though it is allowed for several of destinations.

Lasernet archive

When a document where printed it was shown as screen in Lasernet archive.

OneClick

It was possible to type in a non-existing section when using OneClick. Sections are now validated when typed in.

Giro / Associated payment attachment

Giro was not merged correctly when running in Batch. Giro are now merges correctly with the original document (Sales invoice, Custaccount statement etc.).

Customer/vendor contacts

No validation on printernames. Printer names and profiles are now validated.

Parameters

It took very long time to close the Parameters forms when validation errors exists. Fixed by moving the validation to a new button "validate settings".

Resend menu item / Sales invoice

Wrong lookup in the Report list when selecting resend menu for the report Sales invoice. The lookup are now correct.

Regional settings

Formatting was not handled correctly. Now the formatting are reflecting the culture on the AOS.

Number of decimals are retrieved from the extended datatype within AX2012 when loading elements.

Fix of report

Fix was not working correctly when a query consist of multiple tables in one query and same name for "RecId". (The Report InventTransferShip as example)

This is fix by adding RecId1, RecId2 etc.

Agreement confirmation

Not possible to make a relation to the report Agreement confirmation. Relation are added to give this option.

Expected file format in custom ports

Expected file format was removed when the button "Update custom ports" was used. When updating custom ports from the Lasetnet server it now keeps the file format.