O Formpipe.

News > Lasernet > Lasernet New Features > Lasernet New Features 10.5

Lasernet New Features 10.5

2023-05-23 - Adam McStravick - Comments (0) - Lasernet New Features

Lasernet

Lasernet 10.5 Release date: 23rd May 2023

Notes System Requirements

See Lasernet System Requirements.

Important before upgrading to Lasernet 10.5

Warning New Installers, Connections, Sign in and SDK from Lasernet 10.2

The installation procedure and the configuration procedure, in several of the client applications, have been changed from Lasernet 10.2; there are now separate installers for Lasernet Server 10 and Lasernet Developer 10.

If you have not read the release notes for Lasernet 10.2, for how to upgrade to Lasernet 10.2 and newer and about changes in third-party modules, developed by the Lasernet SDK, we recommend that you do so before installing this version.

Video Overview

Watch this short video to learn more about the headline features included with Lasernet 10.5!

New Features

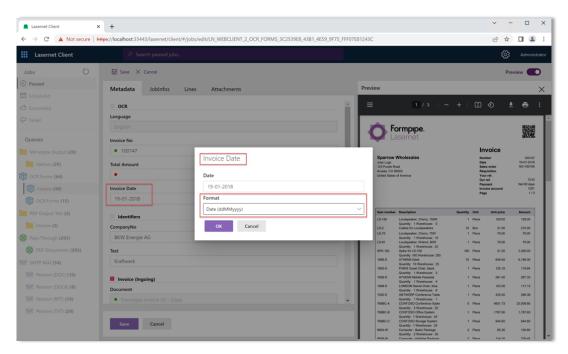
This section is an overview of the new features included with this version of Lasernet.

Lasernet Web Client

Auto detection and editing of date formats and regional profiles for input documents have been improved significantly.

Assign a regional profile for a job processed by the OCR Engine. Select the Metadata tab and click any date field to show and edit the existing regional profile. The selected profile will be assigned to the job and automatically update the corresponding OCR Form assigned to sender of the document.

Auto detection of regional profile for manual inserted date values has been added to both Lasernet Web Client and Lasernet Client app.



Assign an Identifier value to a job processed by the OCR Engine. Select the Metadata tab and click any Identifier value to show and edit the existing value. The selected value will be assigned to the job and automatically update the corresponding OCR Form assigned to sender of the document.

→ C ▲ Not secure 4	https://localhost:3344	3/lasernet/client/#/jobs/edit/LN_WEI	BCLIENT_2_OCR_FOR	MS_3C2539E8_43B1_4E59_	9F75_FFF07	E81243C			Ê	☆ 🔲	
Lasernet Client	P Sear	ch paused jobs							ş	ې Adr	Iminis
obs Ö	🗟 Save 🗙 🤅	Cancel								Preview	
Paused	Metadata	Johlufos Linos Attack	monte			Preview					
	Wetadata	CompanyAlo									
	Invoice No	CompanyNo					з —			± 6	5
	• 100147	Search						_	_		
	Total Amount										
ueues	•	AccountNum Country	DataArea	Name	Phone	VATNum					186
Mimetype Output (28)	Invoice Date	1000	de	TyskRevision		DE181764325			Invoice		
Various (28)	19-01-2018	1001	de	Gemeinde Han					Number Date	19-01	100147 1-2018 100195
		100103	de	A2A Trading S.r.I		IT13390450156			Sales order Requisition Your ref.	80-1	00190
Invoice (49)	Identifiers	100110	de	Alpig Energy SE		CZ28477090			Our ref. Payment	Net 60	7210 I0 days
	CompanyNo	100124	de	Bayerngas Ene		DE250114062			Invoice account Page		1/3
OCR Forms (15)	BKW Energi										
	Test	100128	de	BKW Energie AG		CHE103258498	x. 150W	Quantity 1	Unit Unit pric		
	Kraftwerk	100134	de	Cargill Internati		CHE105550610	suse: 5 akers		Box 21.0		
Pass-Through (293)		100139	de	CEZ, a.s.		CZ45274649	y, 75W xuse: 15 A, 80W		Piece 79.0 Piece 79.0		
PDF Documents (293)	Document	100155	de	Uniper Global		DE192205313	xuse: 22		Piece 21.0		
SMTP Mail (54)	Formpipe	100158	de	EconGas GmbH		ATU54475900	ouse: 250	10	Piece 649.4	40 6,169.	30
						•	black xuse: 2		Piece 125.1		
Pension (DOCX) (8)	Folder	OK Cancel					destal xuse: 4 air, blue		Piece 281.4 Piece 123.3		
							xuse: 6 noe Table		Piece 420.4		
	-				*	766BC-A CONTOSO C	rarehouse: 1 onference Syste (arehouse: 25	5	Piece 4601.7	73 23,008	65
Pension (TXT) (26)						766BC-B CONTOSO O Quantity: 1 W	fice System arehouse: 25		Piece 1787.6		
	Save	Cancel				766BC-C CONTOSO S Quantity: 1 W	orage System arehouse: 25 sic Package		Piece 944.6 Piece 65.3		1.60

Lasernet OCR Editor

OCR Field matching provides a new versatile tool for string comparisons. The pattern matching features allow you to match each character in a string against a specific character, a wildcard character, a character list, or a character range.

-							Invo	ice - Formpipe Lasernet - Lasernet OCR				-	• ×
- Form	Field	Page Body	r Vie	tw Dk	ctionary								
	Update	Forms			Doc. Type Invoice	•	Description						
Update and Close	Retrieve	AutoCapture Fo	rms Vie	w Output	Sub Type	•	Identifie						
Coverage										Previes			
Field	Term							Invoice					_
Number		Number								Û	Tormpipe.		1
Date Date	Invoio		_					Number	100147	M	Lasemet		2008
Amount	Total									0.	Sparrow Wholesales	Invoice	
ItemAmount								Date	19-01-2022	E	Jone Lago 121 Burges Roset Anada, US NIKA	tons Enter antier Responsible Vierr all Engineers	19-01-000 9-0-001-00
ItenNumber								Sales order	50-100195	7-	United Waters of America	Your set. Gur set. Fauters	72.0 Mar 21 and
ItemQuanity									50 100155			Figs	Section and Section 1.1
ItemDate								Requisition			ten runter Seutyter	during this test price	Amagent
								Your ref.			15-100 Londquader, Owny, 1920 Carrier 1 Watchare 1	1 Perce SID-10	10.40
Objects											1.5-2 Exhibits for Excellipsetters Galarity 40 Reinfolgant 25 L5-79 Excellipsetter, Oters, 79.97	10 Box 21.00	21.0
Criteria								Our ref.	7210		Guardity 1 Wanturer 15 (3-81 Londqualer, Wahu, 809 Guardity 1 Wanturer 22	1 Pear 75.0	2.0
Invoice			- 11					Payment	Net 60 days		974-100 Sylan for US-100 Country 100 Biterritower 250 1086-5 ATHENS Dask	10 Peak 21.0	5.365,50
Sparrow	Wholesales										Guardity VE Reinhause 28 1925-5 PARIS Guard Chan, Mack Guardity 1 Reinhause 2	1 Perc 10.10	10.04
OCR Fields								Invoice account	1201		1921-5 ATTENS Water Palantel Guardy T Handhance 4 1922-5 Lindson Date That	1 Perce 20140	-1.0
v 🍂 Date								Page	1/3		Gaarity 1 Rochase 4 1821-5 AVTR/DP Contenue Tales Gaarity 1 Rochase 1	1 Page 101-10	201,20
🗆 Date											NUBLA CONTOSI Contention Sum Quartity 1 Menhance 20 Tea contention and an anti-	5 Peak 407.75	23.004.00
v 🝂 Num?er											The conference paper process one bills, besite that chain, and one underland. 1980-8 CONTROL Office System	1.044 101.0	1.00.00
🗆 Numb	ber										Garrity / Wyshaw 15 1980-0 CONTON Strap Solar Conty / Wyshaw 15	1 Pers 1910	94.0
🗆 Data Fields											Garriny Lincolson (5) 800-W Computer - Switt Parloge Garring / Worthcare (6) 800-W Computer - Spring Parloge	2 Pers 0.30	0.0
Properties											Quanty / Hanthouse 18 Treases		2100,00
					Quantity		Unit	Unit price	Amount				
OCR Field Text		Num?er	- î										
Backward											Formpipe.		1882 -
Operator		Like				1	Piece	129.00	129,00		Concerned	Invoice	
Zone			^								Sparrow Wholesales	Number From	500-42 2-3
Column Star Column End													
Row Start		•	_			18	Box	21.00	210,00		ten runter Securitien	duardy title to the pro-	Ampune
Row End		•									miss an Inner Unterprise Package	5 Pase 345.00 3 Pase 107.10	170.00
											WYS W Computer - 1(ABO) Package Coarrily 3 Wandhouse 22		
				4		-							
Engine: OCR For	ms Dictiona	ry: English										Row: 60 Column: 18	6 Page: 1.

If the new property Operator is set to "Like", the text value will compare against a pattern.

Note

The default settings is "Exact" for backwards compatibility.

Examples of supported characters in a pattern match are:

?	Any single character
*	Zero or more characters
#	Any single digit (0–9)
[charlist]	Any single character in charlist
[!charlist]	Any single character not in charlist
[A-Z]	Any uppercase character between A-Z
[a-z]	Any lowercase character between a-z

Lasernet Form Editor

The usability and navigation, when working with form design, have been improved in various areas.

Inline editing

You will no longer enter inline editing mode by default, after selecting objects created as rearranges or fixed text.

You must now select an object and then press **F2** to enter inline editing.

Merging objects

- To merge two rearrange or fixed text objects press the **Ctrl** key before you drag one object to another object.
- To merge two rearrange or fixed text objects, press the Ctrl + Alt keys, before you drag one object to another object. A new context menu will be shown, from which you can select Keep text formatting or Keep text only.

Improved keyboard support Added support for keys:

- PageUp
- PageDown
- Home
- End

for improved keyboard navigation across the output pages in forms designed in the EMF/PDF output format.

PDF Form Filler

Added support for a new attribute called values in XFDF template to show possible values

extracted from PDF, making it easier for an end user to know what to fill in with, including error handling:

Forr	n 11 - Lasernet Form Editor 10	
efault	•	
-	<pre>✓ xfdf</pre>	
	✓ fields	
	✓field	
	(aflatten	true
	finame	1. VAT ArticleNumber
	value	
	✓field	
	@flatten	true
	(iname	1VAT_CustomerFailureNumber
	value	
	✓ field	
	@flatten	true
	@name	1VAT_CustomerOrderNumber
	value	
	✓ field	
	@flatten	true
	@name	1VAT_CustomerProductNumber
	value	
	✓ field	
	@flatten	true
	@name	1VAT_SerialNumber
	value	
	✓ field	
	@flatten	true
	(iname	2
	value Vfield	Error Filling PDF
	(iflatten	true riture in the state of the
	aname	2 Repair Field '2 Repair' expecting a value was not supplied
	value	
	values	Ja, Off
	values	Ja, OT
	aflatten	true
	aname	2 Return
	value	2 need ii
ase		a la la Off

DataTable relations between queries in Database Command

Added support for specifying how DataTables are related, making it possible to have master/detail relationship. This enables you to mail merge or create reports, for example, with customers and their orders, based on your query.

Show Results to a DataSet

Click **Execute** in transaction to show Results to a DataSet in a new tab. This provides a great view for how the DataSet is structured and how relations are added to the options, because the tables are shown nested (master/detail).

<pre>select * from job; select * from jobinf</pre>	
<pre>2 select * from jobinf</pre>	0;
•	
Results Messages	
Data Explorer	↑ Data Type
 Lasernet 	DataSet
V 🔜 Query0	Table
12 AttachmentCount	Integer
(ab) Date	String
FK_Job_LastManStand	ding Integer
ModuleID	String
12 ModuleType	Integer
12 PK_Job	Integer
(ab) Reason	String
12 Retries	Integer
12 Status	Integer
V 🔜 Query1	Table
12 FK_Job	Integer
12 FK_JobInfoProfile	Integer
12 ldx	Integer
12 JobInfoOrder	Integer
ab OCRXPath	String
ReadOnly	Boolean
ab RegionalProfile	String
Show	Boolean
System	Boolean
ab Tag	String
ab TagAlias	String
12 Type	Integer
12 Validation	Integer
(ab) ValidationErrorText	String
12 ValidationType	Integer
ab Value	String

Tesseract OCR module

A new PDF library has been added to process and extract metadata from incoming PDF documents.

Note

To ensure backward compatibility, after an upgrade from an older version, this setting is not activated by default.

We recommend that new users of the Lasernet Input Management solution activate this setting to be able to process a larger scale of PDF documents from various PDF providers.

If this setting is activated for an upgraded input management solution, we recommend that existing OCR Forms are validated and corrected, if necessary, before turning this setting on in a live environment. You may expect minor differences in the output text result when turning this setting on/off, for example, OCR forms, fields and values not being recognized equally.

Printer Output module and Printer Service app

When printing PDF format attachments via the Printer Output module or Printer Service app,

the Lasernet Server now has support to automatically choose the paper source in the printer by detecting the page sizes in the PDF documents.

This feature is similar to the print setting "Choose paper source by PDF page size" supported by Adobe Acrobat Reader.

🛃 A3+A4.pdf - Adobe A	crobat Reader (64-bit)	_		×				
File Edit View Sign	Window Help							
Home Tools	A3+A4.pdf ×	?	Sign I	n				
🖺 🕁 🏟	E 🔍 2 / 4	12,5% 💌		2				
			*	Q				
	-							
				Po				
	A4 Portrait							
				Po				
	~	_						
		Page Sizing 8	k Handlir	ng (i)				
		Sjze		Poster	Multiple	Booklet		
	A3 Portrait	⊖ Eit			ual size			
		Shrink oversized pages Custom Scale: 100 % Coose paper source by PDF page size						
•		Choose pa	_		size			
	-							
	A4 Landscape			20				
				Cu.				
DF Me	rger moo	dule		Ca				
ew rules are intr	oduced to manage	e merging P	DF att	achment	s in PDF Merg	ger in cas		
npty data.								

						PDF Merger 1 Properties			
🥶 🛃 🛗	Ĵ	0			#		<mark>₩</mark>	≣	4
General Setup Schedulin	g Combining	Pause	Destin	ations	Pre JobIn	nfos	Post JobInfos	Connections	Enter Modifiers
Additional PDF Documents:									
JobInfo	Description	First	Middle	Last	Inactive	Crite	ria		
FirstPageAttachment		~			V				
MiddlePageAttach			\checkmark		\checkmark				
LastPageAttachment									

- If any listed Attachment JobInfo contains invalid PDF data, engine will fail the job.
- If any listed Attachment JobInfo contains null data, engine will not fail the job.
- If any listed Attachment JobInfo does not exist, as a part of the job, engine will not fail the job.

Google Drive and Dropbox modules

- The modules are no longer supported or included in the Lasernet installer. There is currently no plan to support these cloud services in the future.
- As an alternative Microsoft OneDrive is supported for upload and download of files via a third-party cloud service.

See Also

Lasernet 10.5 Release Notes

Related Content

- Lasernet 10.5 Release Notes
- Lasernet 10.5 Released!
- Lasernet_10.5.zip