

A man in a blue striped shirt is shown in profile, looking upwards and to the right with a thoughtful expression. He has his hand on his chin. The background is a white wall with various hand-drawn diagrams and sketches in black ink, including boxes, arrows, and circles, suggesting a complex project or process. The background also features a faint, repeating pattern of light gray diamonds.

Первый проект- Извлечение на основе ПОЗИЦИИ

Локаторы штрих кода и Расширенные локаторы
областей (зон)

Первый проект- Извлечение на основе позиции

- ◆ Самое время добавить в наш проект автоматическое извлечение
- ◆ Вы можете извлекать такие же значение как и в Kofax Capture с извлечением на основе позиции.
- ◆ Извлечение на основе позиции выполняется с использованием

Advanced Zone Locator (Расширенный локатор зон) в KTM

- ◆ Имейте в виду что это извлечение на основе позиции, поэтому вы можете использовать его только на одном конкретном структурированном form layout (?)

Первый проект- Извлечение на основе позиции

1) Двойной клик на Оки и развернуть

2) Выбираем Оки документ

3) Кликаем правой кнопкой мыши на «Locators» и добавляем новый

Filename	Classification Ret.	Confidence	Assigned Class
0000025A.xdc	Dell	85.7%	
0000025B.xdc	Dell	81.7%	
00000259.xdc	Dell	83.8%	
00000257.xdc	Dell	86.6%	
00000258.xdc	Dell	83.7%	
000001FF.xdc	Oki	100.0%	
00000200.xdc	Oki	81.1%	
000001FE.xdc	Oki	91.5%	
000001FC.xdc	Oki	100.0%	
000001FD.xdc	Oki	100.0%	
00000250.xdc	Dell	84.7%	
00000251.xdc	Dell	78.1%	
0000024F.xdc	Dell	86.6%	

Первый проект- Извлечение на основе позиции

The screenshot shows the Kofax Transformation Project Builder interface. The 'Project Tree' on the left shows a project class named 'Invoices' with a class 'Oki' containing a locator 'OKI_AZL'. The 'Details' pane shows the configuration for 'Locator "OKI_AZL" in Class "Oki"'. The 'Settings' section shows 'Definition Class: Oki' and 'Locator Method: <none>'. A dropdown menu is open, showing various locator options, with 'Advanced Zone Locator' selected. A table at the bottom right displays classification results for various documents.

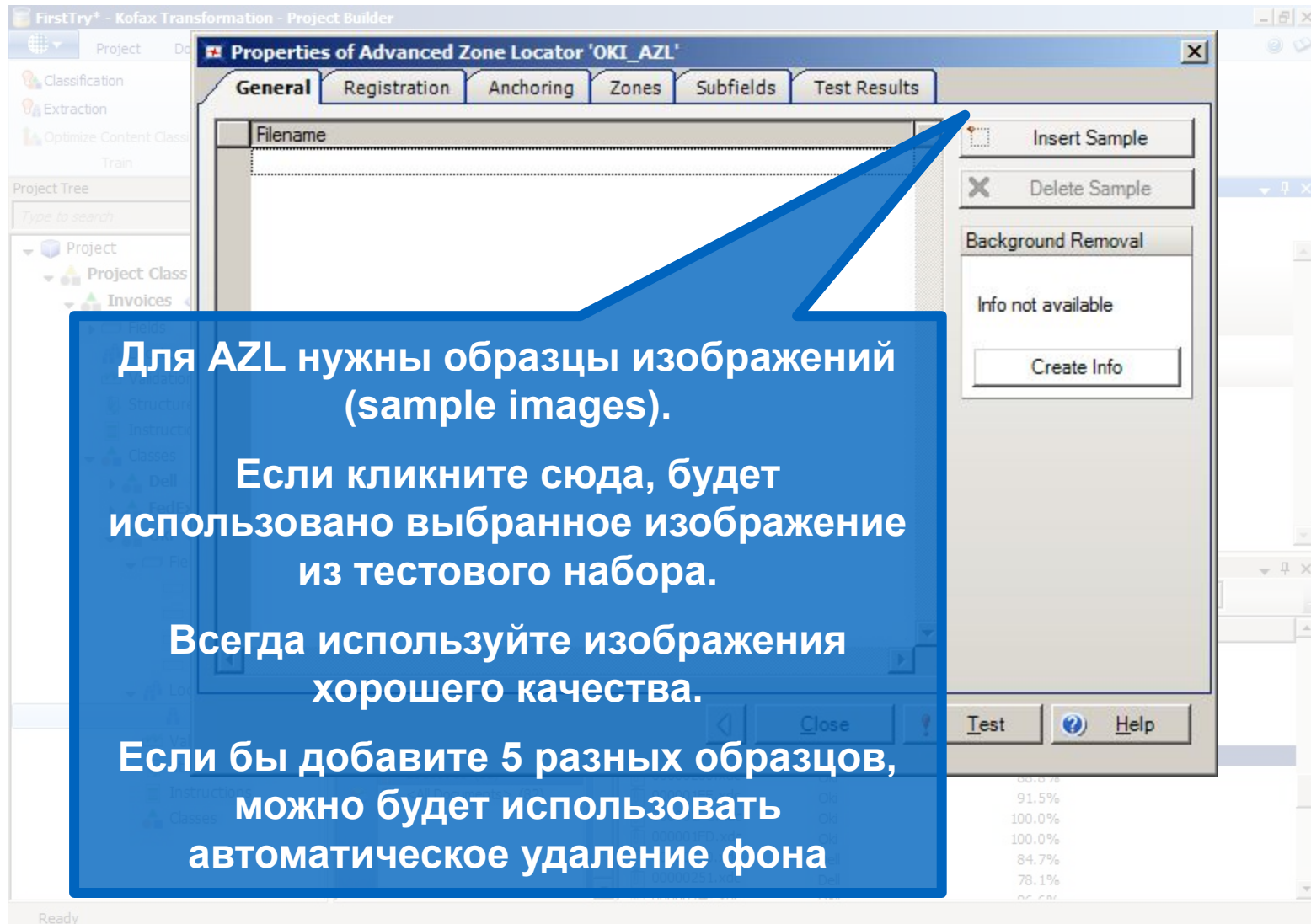
6) Кликаем на свойства локатора

5) Выбираем расширенный локатор зон (Advanced Zone Locator)

4) Называем его OKI_AZL

File Name	Classification	Ret	Confidence	Assigned Class
0000025B.xdc	Dell		85.7%	
00000259.xdc	Dell		81.7%	
00000257.xdc	Dell		83.8%	
00000258.xdc	Dell		86.6%	
000001FF.xdc	Oki		83.7%	
000001FF.xdc	Oki		89.2%	
00000200.xdc	Oki		88.8%	
000001FE.xdc	Oki		91.5%	
000001FC.xdc	Oki		100.0%	
000001FD.xdc	Oki		100.0%	
00000250.xdc	Dell		84.7%	
00000251.xdc	Dell		78.1%	
0000024F.xdc	Dell		86.6%	

Первый проект- Извлечение на основе позиции



Для AZL нужны образцы изображений (sample images).

Если кликните сюда, будет использовано выбранное изображение из тестового набора.

Всегда используйте изображения хорошего качества.

Если бы добавите 5 разных образцов, можно будет использовать автоматическое удаление фона

Первый проект- Извлечение на основе позиции

Образцы изображений будут переименованы в Sample0, Sample1 и так далее

Делайте заметки о том, какие документы были использованы

Двойной клик на Sample0.xdc (Reference) для выделения области извлечения.

Filename	Registration	Anchoring	Zones	Subfields	Test Results
1 Sample0.xdc (Reference)					
2 Sample1.xdc					
3 Sample2.xdc					
4 Sample3.xdc					
5 Sample4.xdc					

Buttons: Insert Sample, Delete Sample, Background Removal, Info available, Create Info, Test, Help

Filename	Registration	Anchoring	Zones	Subfields	Test Results
000001FC.xdc	Ok				91.5%
000001FD.xdc	Ok				100.0%
00000250.xdc	Dell				84.7%
00000251.xdc	Dell				78.1%
0000024F.xdc	Dell				96.6%

Первый проект- Извлечение на основе позиции

1) Нажать T для открытия текстовых значений

2) Выделить область вокруг текста

Properties of Advanced Zone

Filename
1 Sample0.xdc (Reference)
2 Sample1.xdc
3 Sample2.xdc
4 Sample3.xdc
5 Sample4.xdc

INVOICE

765 NORTH MARY AVENUE • SUNNYVALE, CA 94085-2000 • PHONE (408) 720-1900

Oki Semiconductor

3585 *

TRADE NO: 07062

INVOICE DATE: 12/09/02

SHIP TO: 30000

SHIP TO: 16245 LAGUNA CANYON ROAD, IRVINE, CA 92618-3603

RECEIVED DEC 12 2002

ENTERED DEC 18 2002

3626 *

Sub TOTAL 21,540.00 USD

AMOUNT DUE 21,540.00 USD

C:\KTMProjects\FirstTry\Samples\Invoices\Oki\Sample0.xdc 300dpi / 300dpi 1 / 1

Первый проект- Извлечение на основе позиции

3) Назовите

4) Выберите механизм распознавания

5) Тестируйте

Properties of Zone 'Zone0'

Name: Invoicenumbr

General | Image Cleanup | Anchors

Position

Left	121.0	mm
Top	13.7	mm
Width	71.2	mm
Height	5.1	mm
Page	1	

Rotation

0°
 90°
 180°
 270°

Dynamic Zone Adjustment

Left
 Top
 Right
 Bottom

Blank Out Regions

Left	Top	Width	Height
------	-----	-------	--------

Recognition

Use PDF text if available

Profile: <Default OCR> (FR_HandAlphanum)

Recognition Test

Buttons: Properties..., Profiles..., Test, Close, Help

Первый проект- Извлечение на основе позиции

Отлично!
Текстовые значения распознаны.

Если у вас возникли ошибки попробуйте изменить механизм распознавания, расположение области, очистку изображения и anchors

Properties of Zone 'Zone0'

Name: Invoicnumber

General | Image Cleanup | Anchors

Position

Left	121.0	mm
Top	13.7	mm
Width	71.2	mm
Height	5.1	mm
Page	1	

Rotation

0°
 90°
 180°
 270°

Dynamic Zone Adjustment

Left
 Top
 Right
 Bottom

Blank Out Regions

Left	Top	Width	Height
------	-----	-------	--------

Blank out regions are not editable while the test mode for Dynamic Zone Adjustment is active.

Recognition Test

Confidence: 65.45%
306091 RI

Close Test Help

Первый проект- Извлечение на основе позиции

Необходима область для каждого значения которое нужно извлечь. См. желтую подсветку в просмотрщике документов

The screenshot shows the Kofax Transformation Project Builder interface. The main window displays an invoice document in 'Zone Mode'. The invoice is from Oki Semiconductor and includes fields for Invoicenumber, Invoicedate, and various shipping and billing details. A blue callout box points to a yellow highlight on the invoice, indicating the area for data extraction. The interface includes a menu bar (Project, Documents, Design, Process, View), a toolbar, and a Project Tree on the left. The status bar at the bottom shows the file path and page information.

ITEM NO.	PART NUMBER	CUSTOMER PART NO.	UOM	QUANTITY	UNIT PRICE	EXTENSION
1.001	M3M990039-0011S	Tony	EA	1200	17,9500	21,540.00 USD

Subtotal: 21,540.00 USD
Sales Tax: 363.34 USD
Amount Due: 21,540.00 USD

Первый проект- Извлечение на основе позиции

The screenshot displays the Kofax Transformation Project Builder interface. The main window shows a document viewer with an invoice from Oki Semiconductor. A 'Properties of Advanced Zone Locator' dialog box is open, showing the 'Test Results' tab. The dialog contains a table of detected subfields with their names, confidence levels, and values.

Name	Confidence	Value	Comment
SF_Invoicenum	70.91 %	307243 RI	
SF_InvoiceDate	92.73 %	01 / 29 / 03	
SF_PONumber	76.36 %	20020280	
SF_Amount	83.64 %	21,540.00 USD	

Registration Confidence: Page 1: 100.00% (Lines)

The background document viewer shows an invoice with the following details:

- 785 NORTH MARY AVENUE • SUNNYVALE, CA 94085-2000 • PHONE (408) 336-1900
- INVOICE**
- Invoice number: 307243
- Invoice Date: 01/29/03
- SHIP TO: 202180 KOFAX IMAGE PRODUCTS, INC. 16245 LAGUNA CANYON ROAD
- ITEM NO. PART NUMBER CUSTOMER PART NO. UOM QUANTITY UNIT PRICE EXTENSION
- EA 1200 17,9500 21,540.00 USD

Проверьте
Расширенный
Локатор Зон.
Результаты будут
выделены в окне
просмотра
документов

Первый проект- Извлечение на основе позиции

The screenshot displays the Kofax Transformation Project Builder interface. The main window shows a document viewer with an invoice from Oki Semiconductor. A 'Properties of Advanced Zone Locator' dialog box is open, showing the 'Test Results' tab. The dialog contains a table of detected subfields:

Name	Confidence	Value	Comment
SF_Invoicenum	70.91 %	307243 RI	
SF_InvoiceDate	92.73 %	01 / 29 / 03	
SF_PONumber	76.36 %	20020280	
SF_Amount	83.64 %	21,540.00 USD	

Below the table, it indicates 'Registration Confidence: Page 1: 100.00% (Lines)'. At the bottom of the dialog, there are 'Close', 'Test', and 'Help' buttons. The background shows the invoice document with various fields like 'InvoiceDate', 'SHIP TO', and 'KOPAX IMAGE PRODUCTS'. A blue callout box with white text is overlaid on the right side of the image, pointing towards the 'Test' button.

Выберите другой документ из тестового набора и снова нажмите «тест», чтобы показать результаты для другого документа

Первый проект- Извлечение на основе позиции

Multiple Selection: Fields

Field	Language	Display name	Field populated by	Fixed field value
(4 selected)	<Default>		<none>	
InvoiceNumber (Ok)	<Default>	InvoiceNumber	<none>	
InvoiceDate (Ok)	<Default>	InvoiceDate	<none>	
OrderNumber (Ok)	<Default>	OrderNumber	<none>	
Totalamount (Ok)	<Default>	Totalamount	<none>	

Field populated by dropdown options:

- <none>
- <fixed value>
- OKI_AZL_SF_InvoiceNumber
- OKI_AZL_SF_InvoiceDate
- OKI_AZL_SF_PONumber
- OKI_AZL_SF_Amount

Двойной клик на «fields» для показа полей класса Oki

Назначьте поле из AZL чтобы заполнить его

Documents - Benchmark Set: "C:\Documents\unsorted" *

Filename	Classification Res	Confidence	Assigned Class
C:\Documents\Golden\00000256.xls	Dell	81.7%	
C:\Documents\Golden\00000259.xls	Dell	83.8%	
C:\Documents\Golden\00000257.xls	Dell	86.6%	
C:\Documents\Golden\00000258.xls	Dell	88.2%	
C:\Documents\unsorted\000001FF.xls	Ok	89.2%	
C:\Documents\unsorted\00000200.xls	Ok	91.5%	
C:\Documents\unsorted\000001FE.xls	Ok	91.5%	
C:\Documents\unsorted\000001FC.xls	Ok	100.0%	
C:\Documents\unsorted\000001FD.xls	Ok	100.0%	
C:\Documents\unsorted\00000250.xls	Dell	84.7%	
C:\Documents\unsorted\00000251.xls	Dell	78.1%	
C:\Documents\unsorted\00000201.xls	Dell	88.0%	
C:\Documents\unsorted\00000201.xls	Ok	100.0%	

Первый проект- Извлечение на основе позиции

The screenshot displays the Kofax Transformation Project Builder interface. The 'Details' pane shows the 'Multiple Selection: Fields' configuration table. The 'Documents' pane shows a list of documents with their classification results.

Field	Language	Display name	Field populated by	Fixed field value
Totalamount (Ok)	<Default>	Totalamount	<none>	
InvoiceNumber (Ok)	<Default>	InvoiceNumber	OKIAZL.SF_Invoicenumber	
InvoiceDate (Ok)	<Default>	InvoiceDate	OKIAZL.SF_InvoiceDate	
OrderNumber (Ok)	<Default>	OrderNumber	OKIAZL.SF_PONumber	
Totalamount (Ok)	<Default>	Totalamount	OKIAZL.SF_Amount	

Test Set	Filename	Classification Res	Confidence	Assigned Class
C:\Documents\Golen	00000258.xdc	Dell	81.7%	
	00000259.xdc	Dell	83.8%	
	00000257.xdc	Dell	86.6%	
C:\Documents\unsorted	000001FF.xdc*	Ok	89.2%	
	00000200.xdc*	Ok	88.8%	
	000001FE.xdc*	Ok	91.5%	
	000001FC.xdc*	Ok	100.0%	
	000001FD.xdc*	Ok	100.0%	
	00000250.xdc	Dell	84.7%	
	00000251.xdc	Dell	78.1%	
	0000024F.xdc	Dell	86.6%	
	00000201.xdc	Ok	100.0%	
	20130718*	20130718	Ok	100.0%

Теперь каждое поле привязано к локатору

Первый проект- Извлечение на основе позиции

The screenshot shows the Kofax Transformation Project Builder interface. The 'Multiple Selection: Fields' dialog box is open, displaying a table of fields to be extracted. A blue callout box with white text is overlaid on the dialog, pointing to the 'Totalamount (Ok)' field and containing the text: 'Запустите «extraction» для получения статистики'.

Field	Language	Display name	Field populated by	Fixed field value
Totalamount (Ok)	<Default>	Totalamount	<none>	
InvoiceNumber (Ok)	<Default>	InvoiceNumber	OKIAZL.SF_Invoicenumber	
InvoiceDate (Ok)	<Default>	InvoiceDate	OKIAZL.SF_InvoiceDate	
OrderNumber (Ok)	<Default>	OrderNumber	OKIAZL.SF_PONumber	
Totalamount (Ok)	<Default>	Totalamount	OKIAZL.SF_Amount	

Documents - Benchmark Set: C:\Documents\unsorted

Test Set	Filename	Classification Res	Confidence	Assigned Class
C:\Documents\Golden	0000025B.xdc	Dell	81.7%	
	00000259.xdc	Dell	83.8%	
Benchmark Set * C:\Documents\unsorted	00000257.xdc	Dell	86.6%	
	00000258.xdc	Dell	83.7%	
	000001FF.xdc*	Oki	89.2%	
	00000200.xdc*	Oki	88.8%	
	000001FE.xdc*	Oki	91.5%	
	000001FC.xdc*	Oki	100.0%	
	000001FD.xdc*	Oki	100.0%	
	00000250.xdc	Dell	84.7%	
	00000251.xdc	Dell	78.1%	
	0000024F.xdc	Dell	86.6%	

Первый проект- Извлечение на основе позиции

Extraction Benchmark - Extraction Benchmark (All Classes)

Legend

- A Correct valid fields
- B Correct invalid fields
- C Incorrect invalid fields
- D Incorrect valid fields

Summary

All Fields	InvoiceNumber	InvoiceDate	OrderNumber	Totalamount
A 1.83%	1.22%	3.66%	1.22%	1.22%
B 80.18%	82.93%	78.05%	78.05%	81.71%
C 17.99%	15.85%	18.29%	20.73%	17.07%
D 0.00%	0.00%	0.00%	0.00%	0.00%

Details - Sorted by Column Content

	C	D	InvoiceNumber	InvoiceDate	OrderNumber	Totalamount
000001FC.xd	Ok	0.00%	AGE PRODUCTS,JNC.y?/ [310264 RI]	05/21/2003	05 / 21 / 03 [20030032]	[21553.42]
000001FE.xd	Ok	50.00%	307707 RI	02/17/2003	2UUUUU21 [20030021]	21590.66
000001FF.xd	Ok	50.00%	307243 RI	01/29/2003	20020280	21540.00
00000201.xd	Ok	25.00%	306091 RI	12/09/2002	20026193' [20026193]	21540.00
00000202.xd	Ok	75.00%	303947 RI	09/27/2002	u? / ? . z z uz: [09/27/2002] /SUU?UUZVJ [20020020]	21540.00
00000203.xd	Ok	0.00%	301814 RI	07/25/2002	20020020	USD [0.00]
00000204.xd	Ok	75.00%	300603 RI	06/19/2002	2###zffzT [20020020]	21555.74
00000205.xd	Ok	0.00%	[196328182]	12/26/2002	[20026306]	[2038.66]
00000251.xd	Del	0.00%	[347784804]	05/18/2003	[20036121]	[1702.46]
00000252.xd	Del	0.00%	[345004270]	05/08/2003	[20036114]	[1404.28]
00000253.xd	Del	0.00%	[344964623]	05/09/2003	[20036113]	[1318.86]
00000254.xd	Del	0.00%	[341350479]	05/08/2003	[20036106]	[1053.80]

Processed 82 documents

Elapsed Time: 14 seconds

Start Stop Save... Export... Help

Результаты не идеальные, но по крайней мере мы получили некоторые значения.

Существует множество возможностей для улучшения

Мы поговорим об оптимизации AZL позже.

Демонстрация и задние

Извлечение на основе позиции

Первый проект- Извлечение на основе позиции

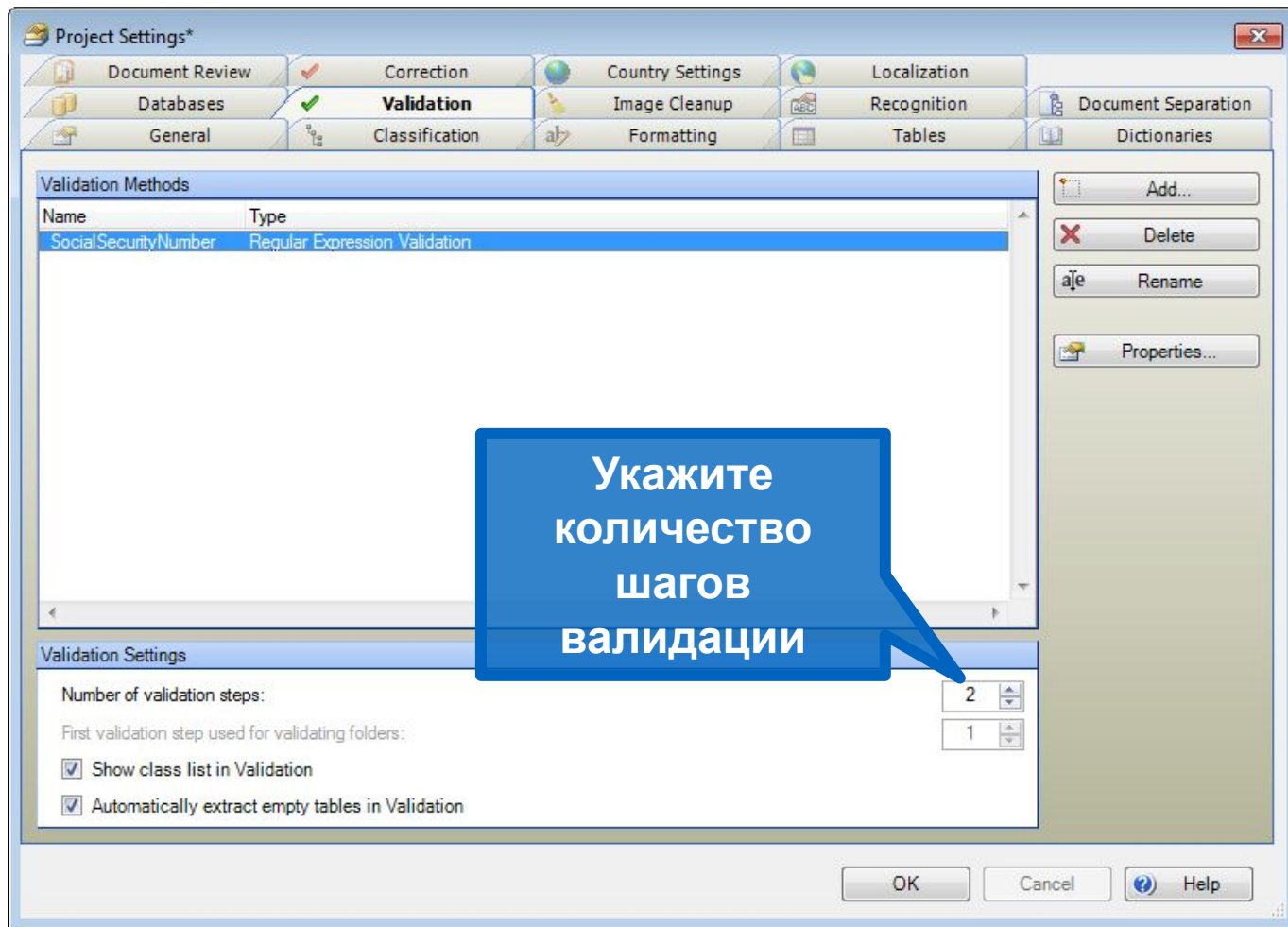
- ◆ Задача
 - ◆ Добавьте расширенный локатор зон (AZL) в класс Oki
 - ◆ Свяжите поля Oki с AZL
 - ◆ Обработайте документы
 - ◆ Запустите «Extraction Benchmark»
 - ◆ Просмотрите результаты

Расширенные Локаторы Областей— дополнительные функции

Маскировка; Коррекция на основе символов для
рукопечатных форм

Множество Примеров Валидации

Представьте, что вы настраиваете проект валидации налоговых форм, и вы хотите использовать два оператора проверки: один для валидации большей части данных (но не номера социального страхования, и другой для валидации номеров соц. страхования, плюс



Укажите количество шагов валидации

Временная коррекция поля (маскирование)

1. Удалить поля из формы

2. Выберите свойства основной формы

3. Выделите область с помощью мыши.

General Properties

- Misc
 - Allow force valid: True
 - Character exact editing: True
 - Detailed Field Status: True
 - Folder field visualization: Horizontal bar
 - Horizontal Tabs: True
- Masking
 - Areas: MaskedArea[] Array
 - [0]
 - Location: Kofax.Validation.Design.MaskedArea
 - X: 1262, 233
 - Y: 233
 - Page: 0
 - Size: 352, 124
 - Width: 352
 - Height: 124
 - Color: Black
 - Tab Details: True

Size
The size of the area

Результат: проверка маскировки в валидации Шаг 1

Test Validation - Step 1

Batch Edit View Folder Document Page Field Options Help

Batch Content

- Root Folder
 - 1040 Tax 1.xdc
 - Page 1
 - Page 2
 - 1040 Tax 2.xdc
 - Page 1
 - Page 2
 - 1040 Tax 3.xdc
 - Page 1
 - Page 2
 - 1040 Tax 4.xdc
 - Page 1
 - Page 2
 - 1040 Tax 5.xdc
 - Page 1
 - Page 2
 - Med Claim 1.xdc
 - Page 1
 - Med Claim 2.xdc
 - Page 1
 - Med Claim 3.xdc
 - Page 1
 - Order 1.xdc
 - Page 1
 - Order 2.xdc
 - Page 1
 - Order 3.xdc
 - Page 1
 - Order 4.xdc
 - Page 1
 - Order 5.xdc
 - Page 1
 - Trispec 1.xdc
 - Page 1
 - Trispec 2.xdc
 - Page 1
 - Trispec 3.xdc
 - Page 1
 - Trispec 4.xdc
 - Page 1
 - Warranty.xdc
 - Page 1
 - Page 2

Classification Result

The document was classified 1040

7 fields valid, 0 fields invalid (2 fields invisible, 0 fields read-only)

YOUR FIRST NAME AND INITIAL
John

FirstName John

YOUR LAST NAME AND INITIAL
Jones

LastName Jones

IF A JOINT RETURN, SPOUSE'S FIRST NAME AND INITIAL
Mary

SpouseFirstName Mary

IF A JOINT RETURN, SPOUSE'S LAST NAME AND INITIAL
Jones

SpouseLastName Jones

123 Any Styreet

Address 123 Any Styreet

CityStateZip Your Town CA 92600

FilingStatus Married

InPlace Editor - Field "FirstName" Current Error

YOUR FIRST NAME AND INITIAL
John

FirstName
John

Form 1040 U.S. Individual Income Tax Return 2002

Department of the Treasury—Internal Revenue Service

For the year Jan. 1–Dec. 31, 2002, or other tax beginning 2002, ending 20

OMB No. 1545-0074

Label
Your first name and initial: John
Last name: Jones
If a joint return, spouse's first name and initial: Mary
Last name: Jones

Use the IRS label.
Home address (number and street): 123 Any Styreet
City, town or post office, state, and ZIP code: Your Town CA 92600

Filing Status
1 Single
2 Married filing jointly (even if only one had income)
3 Married filing separately. Enter spouse's SSN above and full name here.
4 Head of household (with qualifying person).
5 Qualifying widow(er) with dependent child (year spouse died)

Exemptions
6a Yourself
6b Spouse
6c Dependents:
6d Total number of exemptions claimed: 2

Income
7 Wages, salaries, tips, etc. 75,000
8a Taxable interest 0
9 Ordinary dividends 0
10 Taxable refunds, credits, or offsets of state and local income taxes 0
11 Alimony received 0
12 Business income or (loss) 0
13 Capital gain or (loss) 0
14 Other gains or (losses) 0
15a IRA distributions 0
15b Taxable amount 0
16a Pensions and annuities 0
16b Taxable amount 0
17 Rental real estate, royalties, partnerships, S corporations, trusts, etc. 0
18 Farm income or (loss) 0
19 Unemployment compensation 0
20a Social security benefits 0
20b Taxable amount 0
21 Other income 0
22 Add the amounts in the far right column for lines 7 through 21. This is your total income 75,000

Adjusted Gross Income
23 Educator expenses 0
24 IRA deduction 0
25 Student loan interest deduction 0
26 Tuition and fees deduction 0
27 Archer MSA deduction 0
28 Moving expenses 0
29 One-half of self-employment tax 0
30 Self-employed health insurance deduction 0
31 Self-employed SEP, SIMPLE, and qualified plans 0
32 Penalty on early withdrawal of savings 0
33a Alimony paid 0
33b Recipient's SSN 0
34 Add lines 23 through 33a 0
35 Subtract line 34 from line 22. This is your adjusted gross income 75,000

Результат: тестирование валидации Шаг 2

Test Validation - Step 2

Batch Edit View Folder Document Page Field Options Help

Batch Content

- Root Folder
 - 1040 Tax 1.xdc
 - Page 1
 - Page 2
 - 1040 Tax 2.xdc
 - Page 1
 - Page 2
 - 1040 Tax 3.xdc
 - Page 1
 - Page 2
 - 1040 Tax 4.xdc
 - Page 1
 - Page 2
 - 1040 Tax 5.xdc
 - Page 1
 - Page 2
 - Med Claim 1.xdc
 - Page 1
 - Med Claim 2.xdc
 - Page 1
 - Med Claim 3.xdc
 - Page 1
 - Order 1.xdc
 - Page 1
 - Order 2.xdc
 - Page 1
 - Order 3.xdc
 - Page 1
 - Order 4.xdc
 - Page 1
 - Order 5.xdc
 - Page 1
 - Trispec 1.xdc
 - Page 1
 - Trispec 2.xdc
 - Page 1
 - Trispec 3.xdc
 - Page 1
 - Trispec 4.xdc
 - Page 1
 - Warranty.xdc
 - Page 1
 - Page 2

Classification Result

The document was classified 1040

6 fields valid, 0 fields invalid (3 fields invisible, 0 fields read-only)

FirstName John

LastName Jones

SSAN 555-12-1234

SpouseFirstName Mary

SpouseLastName Jones

SpouseSSAN 555-12-1235

InPlace Editor - Field "FirstName" Current Error

John

FirstName

John

1040 U.S. Individual Income Tax Return 2002 (99)

Department of the Treasury—Internal Revenue Service

OMB No. 1545-0047

For the year Jan. 1-Dec. 31, 2002, or other tax year beginning 2002, ending 20

Your full name and initial: Last name First name
 John Jones
 John Jones

Your social security number: 555-12-1234

If a joint return, spouse's first name and initial: Last name First name
 Mary Jones
 Mary Jones

Your social security number: 555-12-1235

Spouse's social security number: 555-12-1235

Use the IRS label. Otherwise, please print or type: Home address (number and street), if you have a P.O. box, see instructions. Apt. no. 123 Any Street
 City, town or post office, state, and ZIP code, if you have a foreign address, see instructions. Your Town CA 92600

Presidential Election Campaign (See instructions.) Note: Checking "Yes" will not change your tax or reduce your refund. Do you, or your spouse if filing a joint return, want \$3 to go to this fund? Yes No Yes No

Filing Status: 1 Single 2 Married filing jointly (even if only one had income) 3 Married filing separately. Enter spouse's SSN above and full name here. 4 Head of household (with qualifying person). (See instr.) If qualifying person is a child but not your dependent, enter the child's name here. 5 Qualifying widow(er) with dependent child (year spouse died). (See instr.)

Exemptions: a Yourself. If your parent (or someone else) can claim you as a dependent on his or her tax return, do not check box a. b Spouse. No. of exemptions claimed: 2

Income: 7 Wages, salaries, tips, etc. Attach Form(s) W-2: 75,000
 8a Taxable interest. Attach Schedule B if required: 0
 8b Tax-exempt interest. Do not include on line 8a: 0
 9 Ordinary dividends. Attach Schedule B if required: 0
 10 Taxable refunds, credits, or offsets of state and local income taxes (see instructions): 0
 11 Alimony received: 0
 12 Business income (or loss). Attach Schedule C or C-EZ: 0
 13 Capital gain or (loss). Attach Schedule D if required. If not required, check here: 0
 14 Other gains or (losses). Attach Form 4797: 0
 15a IRA distributions: 0
 15b Taxable amount (see instructions): 0
 16a Pensions and annuities: 0
 16b Taxable amount (see instructions): 0
 17 Rental real estate, royalties, partnerships, S corporations, trusts, etc. Attach Schedule E: 0
 18 Farm income (or loss). Attach Schedule F: 0
 19 Unemployment compensation: 0
 20a Social security benefits: 0
 20b Taxable amount (see instructions): 0
 21 Other income. List type and amount (see instructions): 0
 22 Add the amounts in the far right column for lines 7 through 21. This is your total income: 75,000

Adjusted Gross Income: 23 Educator expenses (see instructions): 0
 24 IRA deduction (see instructions): 0
 25 Student loan interest deduction (see instructions): 0
 26 Tuition and fees deduction (see instructions): 0
 27 Archer MSA deduction. Attach Form 8853: 0
 28 Moving expenses. Attach Form 3903: 0
 29 One-half of self-employment tax. Attach Schedule SE: 0
 30 Self-employed health insurance deduction (see instructions): 0
 31 Self-employed SEP, SIMPLE, and qualified plans: 0
 32 Penalty on early withdrawal of savings: 0
 33a Alimony paid b Recipient's SSN: 0
 34 Add lines 23 through 33a: 0
 35 Subtract line 34 from line 22. This is your adjusted gross income: 75,000

KIA For Disclosure, Privacy Act, and Paperwork Reduction Act Notice, see instructions. Form 1040 (2002)

OVR NUM CAPS Doc: 1/18 Page: 1/2 Invalid Docs: 16

KTM Correction Module (модуль коррекции)

- ◆ Модуль коррекции обычно запускается между модулем KTM Server Module и KTM Validation. Он разработан специально для рукопечатных форм и поэтому не используется для нерукопечатных форм.
- ◆ Единственные поля которые будут доступны в проекте для обработки с помощью «Коррекции» являются те, которые возвращены Advanced Zone Locator (расширенным локатором областей).
- ◆ «Коррекция» включена для поля в панели «Details panel».
- ◆ Доступны три режима для «коррекции всего поля.»
 - ◆ При необходимости– Оператор нажимает клавишу F12 для коррекции всего поля.
 - ◆ Когда несколько полей распознаны неуверенно – позволяет вам установить максимальное количество неуверенных символов для автоматического ввода всей коррекции поля.
 - ◆ Когда часть распознана неуверенно– Позволяет вам установить процент неуверенных символов, чтобы автоматически вводить полную коррекцию поля

Настройка KTM Correction

Northwest Products Customer Information Sheet
528 Corporate Dr.
Labreton, CA 90435

First Name: JAMES M.I. Last Name: S LEWIS Dallas - 039851

Company Name: LAWSON TECHNOLOGIES

Address 1: 1456 TEMPLE ST

Address 2: SUITE 14E

City: RICHMOND State: TX Zip or Postal Code: 72405-6723

Phone: 214-555-1234

Date	Item Number	Sales Person
4-15-2001	673	SMITH
6-12-2004	439	SMITH
2-14-2005	439	JENSEN

Interest Level: Low Med. High
Decision Making:
Open to Call:

Create Batch Class

General | Queues | Workflow Agents | Separation and Form Identification | Folders | Batch Naming | Advanced

Available Queues:

- KTM KB Learning Server
- KTM Server 2
- KTM Document Review
- Recognition Server
- KTM Validation 5
- KTM Validation 4
- Validation
- KTM Validation 3
- KTM Validation 2
- Verification
- KTM Verification
- PDF Generator
- OCR Full Text
- Quality Control

Selected Queues:

- Scan
- KTM Server
- KTM Correction
- KTM Validation
- Export

Buttons: Add >>, << Remove, Remove All, Properties

KC Batch Class Workflow

Custom Module Manager...

Description: The Scan module is used to create batches, scan and import documents, and edit the contents of batches.

OK Cancel Help

Order Forms* - Kofax Transformation - Project Builder

Project | Documents | Design | Process | View

File Configuration

Project Tree

- Project
 - Order Class
 - Order Forms
 - Fields
 - FirstName
 - LastName
 - Address
 - City
 - State
 - Zip
 - Locators
 - Validation Rules
 - Structure Rules
 - Instructions
 - Classes

Details

Field "FirstName" in Class "Order Forms"

Minimum confidence for valid:

Minimum distance to second best alternative:

Require manual field confirmation

Always valid

Reread Options

Recognition profile: <no rereading>

Minimum confidence to accept reread result:

User Interactive Modules

Display field in Correction

Field is displayed in whole field correction mode: When required

Number of unconfident characters (N): 0

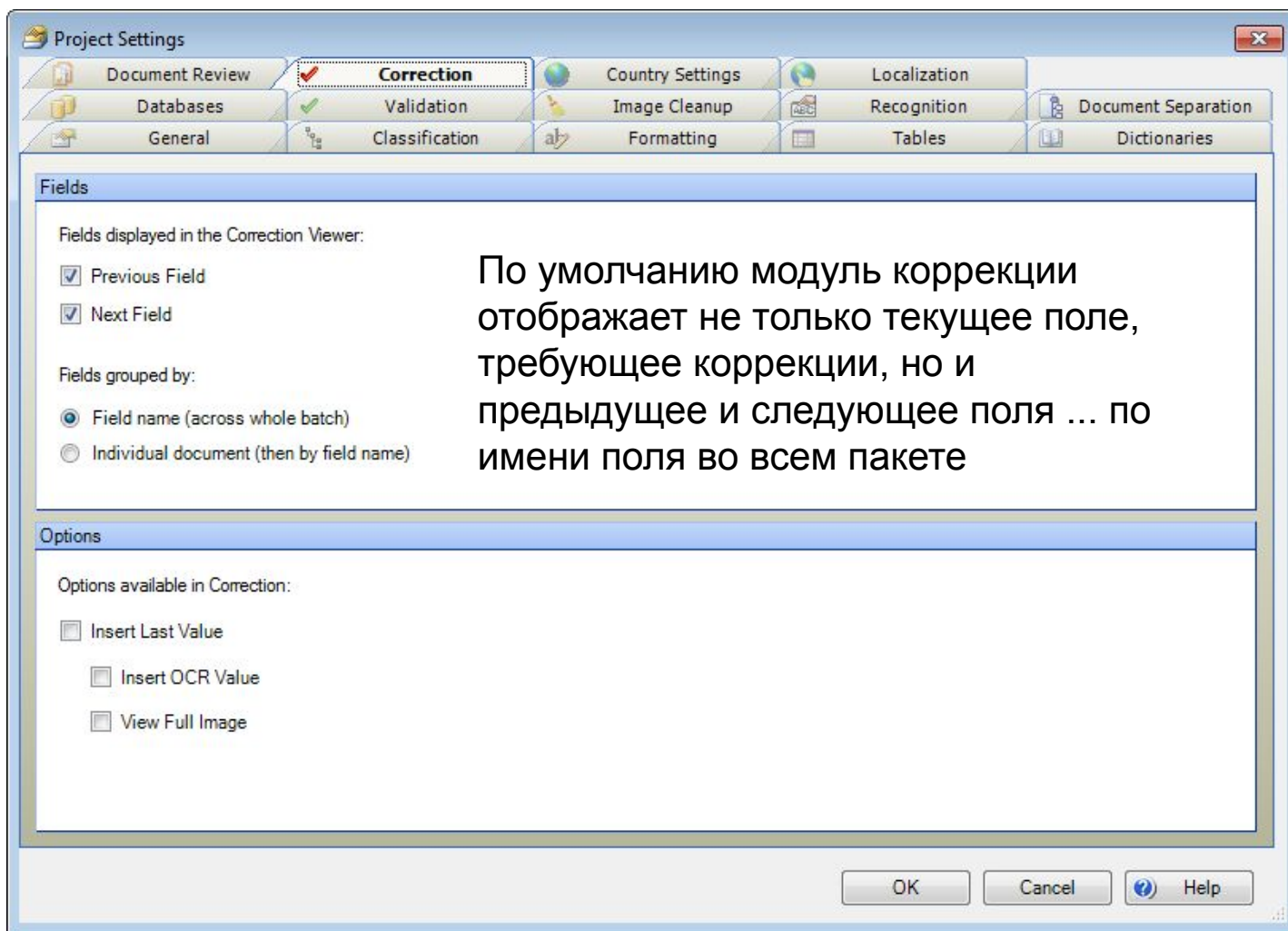
Proportion (%):

Display field in Verification

- Confirm
 - User may not change field value
 - Blind double keying
 - Show field values if no match
- Read-only

Вы включаете «Коррекция» в поле панели «Детали» с помощью чекбокса. Затем выберете из раскрывающегося окна «коррекция всего поля»

Свойства коррекции KTM Project



Коррекция основанная на символах

5/3/2011 2:44:57 PM - Kofax Transformation Modules - Correction

Batch Edit View Field Options Help

Previous Field: Address

2648 ASTER ROAD

Current Field: Address

2 1 3 7 A R L I N T O N

62137 ARLINGTON

Next Field: City

M A N H E I M

MANHEIM

Ready OVR NUM CAPS Folder: 1/1 (5/3/2011 2:44:57 PM) Field: 2/6

Оператор просто набирает текст и интерфейс автоматически прокручивается до следующего доступного поля

Batch Edit View Field Options Help

Insert Last Value F4

Insert OCR Value F8

Previous

First Ctrl+PgUp

Previous PgUp

Next PgDn

Last Ctrl+PgDn

Next Incorrect Field Ctrl+N

Override Field Ctrl+Enter

Correct Whole Field F12

2648 ROAD

Current Field: Address

2 1 3 7 A R L I N T O N

MANHEIM

MANHEIM

Ready OVR NUM CAPS Folder: 1/1 (5/3/2011 2:44:57 PM) Field: 2/6

Нажатие F12 приведет к коррекции в режиме полного поля.