





1. Write bot to scrape data from web table and store in a file

⚡ Triggers

Drag a trigger here...

▶ Start

- 1  **Browser: Open** "https://www.webfx.com/blog/web-design/native-app-vs-mobile-web-app-comparison/" ⋮
- 2  **Recorder: Capture** Get entire table for table "footable_122036" in the "Native App vs. Mobile Web App: A Quick Co... ⋮
- 3  **Data Table: Write to file** "D:\rpa\scrappeddata\data.txt" from data table \$CapturedTableData\$ ⋮
- 4  **Browser: Close** window of tab "Native App vs. Mobile Web App: A Quick Comparison - WebFX" ⋮

■ End

Browser: Open

Opens the specified web page in the browser.

Required bot agent version: 21.210 or above

What to open

Existing tab New tab **New window**

New window in selected browser

Browser

Google Chrome ▼

Link to open

🔗 https://www.webfx.com/blog/web-design/native-app-vs-mobile-web-app-comparison/ (x)

e.g. http://...

Time out after (seconds) (optional)


240 (x)

Recommended min = 9 seconds


Recorder: Capture

Window

Browser Application Variable

 \$Browser1\$

Browser title

 Native App vs. Mobile Web App: A Quick Comparison - WebFX

☒ Case sensitive

Link of web page

<https://www.webfx.com/blog/web-design/native-app-vs-mobile-web-app-comparison/>

Browser application

Google Chrome

☐ Resize window
May improve bot accuracy

Main Anchor

Recapture object ▼

Preview




Action to take on object

Get table

Recorder: Capture

A person who is logged in on the device can perform tasks while this action takes place

> Object properties (9 of 48)

Name	Value
Browser type	 Google Chrome
Technology type	 HTML
Control type	 Table
HTML Tag	” TABLE (x)
DOMXPath	” /html/body/article[1]/div[1]/div[1]/div[1]/section[1]/div[1]/div[1]/div[1]/ (x)
HTML ID	” footable_122036 (x)
HTML HasFrame	” false (x)
Path	” 14 -1 1 1 1 1 1 1 3 -24 1 (x)
HTML FrameSrc	” https://www.webfx.com/blog/web-design/native-app-vs-mobile-w (x)

Set system time out

Basic Advanced

Wait for system response (in seconds)

15 (x)

Save the outcome to a variable

CapturedTableData

Data Table: Write to file



Writes data from a Table type variable to a CSV or TXT file.

Required bot agent version: 20.11 or above

Data table name

CapturedTableData

▼

(x)₄

Enter file name

” D:\rpa\scrappeddata\data.txt

(x)

Browse...

Required extensions: ".csv", ".txt"

☒ Create folders/files if it doesn't exist

When writing

☒ Append to the existing file

☐ Overwrite existing file

Row delimiter

new line

▼

Column delimiter

comma

▼

Encoding

ANSI

▼

Browser: Close



Closes a browser window or tab (Supported browsers only).

Required bot agent version: 21.210 or above

What to close

Tab **Window** All browsers


Closes the window that the tab sits in

Browser tab

Browser **Variable**

 **\$Browser1\$** 

Browser title

 Native App vs. Mobile Web App: A Quick Comparison - WebFX

☒ Case sensitive


Link of web page

<https://www.webfx.com/blog/web-design/native-app-vs-mobile-web-app-comparison/>

Browser application

Google Chrome

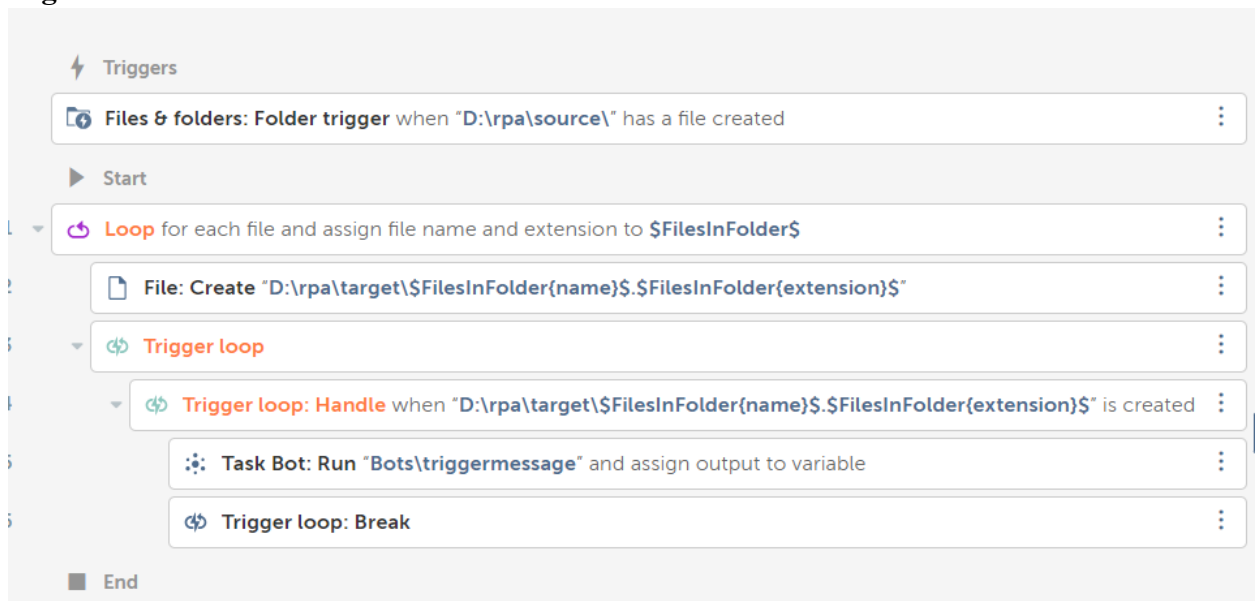
Time out after (seconds) (optional)

 **240** 

Recommended min = 9 seconds

2. Write a Bot to get a trigger fired when a file is created in a folder.

Note: Create a task bot that will get triggered on file creation and will display the message “File is created”.



Files & folders: Folder trigger

Triggers on a folder event.

Required bot agent version: 20.11 or above

Folder

D:\rpa\source\

Browse...

Start the bot when...

file created

☐

Monitor all folders under the folder path

Assigned to (optional)

Choose a variable

(x)₊

Loop



Label (optional)



Loop Type



Iterator

Iterator

File



For each file in folder

Iterator for each file in folder.

Folder path

” D:\rpa\source

(x)

Assign file name and extension to this variable

Multiple variables

Dictionary



” FilesInFolder



(x)₄

Note: Access the 'name' key to access file name and 'extension' key to access the file extension.



While

Condition

▼ Condition



Add condition

Add group



File: Create

Creates a new file.

Required bot agent version: 20.11 or above

File

” D:\rpa\target\\${FilesInFolder{name}}\$.\${FilesInFolder{extension}}\$

(x)

Browse...

e.g. C:\MyDoc\MyFile.doc

☐

Overwrite an existing file

Trigger loop: Handle

When the trigger occurs, run some actions.

Required bot agent version: 20.11 or above

Trigger on

Files & folders



File trigger

Triggers on a file event.

File



D:\rpa\target\\${FilesInFolder{name}}\$.\${FilesInFolder{extension}}\$



Browse...

Start the bot when the file is...

created



Also start if it already exists

Assigned to (optional)

Choose a variable

(x)
+

Task Bot: Run



Runs the selected task bot.

Required bot agent version: 20.11 or above

Task Bot to run

Current Task Bot Control Room file Variable

Bots\triggermessage



Choose...

Input values



This bot has no input values

Repetition (optional)

Do not repeat



☐ Delay between repetitions

Minutes (optional)

#

Seconds (optional)


#


☐ Upon error continue with next repetition or action in this bot

Save the outcome to a variable (optional)





3. Create an IQ Bot to upload documents and extract the content.
 - a. Train the IQ bot with one instance of unstructured document invoice.tiff
 - b. Select the required field to be extracted in structured documents
 - c. Train the Bot & Analyze
 - d. Download all extracted invoices in structure format





**AUTOMATION
ANYWHERE**
Community Edition

Upgrade to Enterprise  Advanced automation capabilities to unleash your organization's full potential.

Learning Instances Create Learning Instance

Select 'Create Learning Instance' to extract data from invoices
Community edition users are limited to 5 learning instances.

Learning instances (2)  

Name	Provider	Document type	Uploads	Last ran	Status	Actions	
invoiceinstance	 Automation Any Invoices		0		Private	Process View status Validate documents (0)	
extractinvoice	 Automation Any Invoices		4	17 May 2024 10:...	Private	Process View status Validate documents (1)	

Create Learning Instance Cancel Next

☒ Improve accuracy using validation
The system learns from user-provided changes in the Validator.

Invoiceinstance1

Cancel Create

Form fields Table fields

Select required and optional fields for extraction.



Field name ▾

Search

<input checked="" type="checkbox"/>	Field name	Field label	Data type	Aliases	
<input checked="" type="checkbox"/>	invoice_number	Invoice Number	Text	69	⋮
<input checked="" type="checkbox"/>	invoice_date	Invoice Date	Date	38	⋮
<input checked="" type="checkbox"/>	po_number	PO Number	Text	42	⋮
<input checked="" type="checkbox"/>	receiver_address	Receiver Address	Address	81	⋮
<input checked="" type="checkbox"/>	ship_to_address	Ship To Address	Address	57	⋮
<input checked="" type="checkbox"/>	total_amount	Total Amount	Number	50	⋮

Show unused fields

Add a field

Learning Instances

Create Learning Instance





Select 'Create Learning Instance' to extract data from invoices

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Name

Search

Learning instances (2)

Name	Provider	Document type	Uploads	Last ran	Status	Actions	
Invoiceinstance	 Automation Any Invoices		0		Private	Process View status Validate documents (0)	
extractinvoice1data	 Automation Any Invoices		4	17 May 2024 10:...	Private	Process View status Validate documents (1)	

100

per page

Process Document(s)

Cancel Process Documents

Input documents

You have selected 1 file to upload. Invoice1.tiff

Browse...

4 document(s) can be uploaded at once. Accepted file sizes less than 2mb. File types: .jpeg, .jpg, .png, .pdf, .tiff, .tif

Download data to

D:\rpa\Invoices

The device or device pool processing the documents needs access to this folder

Learning Instances

[Create Learning Instance](#)

Select 'Create Learning Instance' to extract data from invoices



Community edition users are limited to 5 learning instances.

Name

▼

Search

Learning instances (2)


Name	Provider	Document type	Uploads	Last ran	Status	Actions
Invoiceinstance	 Automation Any Invoices		0		Private	Process View status Validate documents (0)
extractinvoicedata	 Automation Any Invoices		4	17 May 2024 10:...	Private	Process View status Validate documents (0)





100

▼

per page

Edit



extractinvoicedata

[Cancel](#) [Update](#)

Form fields

Table fields

Select required and optional fields for extraction.

Field name

Search

✓	Field name	Field label	Data type	Ali...
✓	invoice_number	Invoice Number	Text	69
✓	invoice_date	Invoice Date	Date	38
✓	total_amount	Total Amount	Number	50
✓			Text	0

[Show unused fields](#) [Add a field](#)

Field Properties

Field Rules

Document Rules

Field name

Contact_details

Field label

Contact_details

Confidence (0-100)

80

Data type

Text

☐ Extract field using pattern

Required

☒ Required

☐ Optional

Custom aliases (optional)

Add alias

Submit

extractinvoicedata

[Cancel](#) [Update](#)

Form fields

Table fields

Select required and optional fields for extraction.

Field name

Search

✓	Field name	Field label	Data type	Ali...
✓	invoice_number	Invoice Number	Text	69
✓	invoice_date	Invoice Date	Date	38
✓	total_amount	Total Amount	Number	50
✓	Contact_details	Contact_details	Text	0

[Show unused fields](#) [Add a field](#)

Field Properties

Field Rules

Document Rules

Field name

Contact_details

Field label

Contact_details

Confidence (0-100)

80

Data type

Text

☐ Extract field using pattern

Required

☒ Required

☐ Optional

Custom aliases (optional)

Add alias

Submit

Learning Instances





Create Learning Instance

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Community edition users are limited to 5 learning instances.

Name

Search

Learning instances (2)

Name	Provider	Document type	Uploads	Last ran	Status	Actions	
Invoiceinstance	 Automation Any Invoices		0		Private	Process View status Validate documents (0)	
extractinvoice data	 Automation Any Invoices		4	17 May 2024 10:...	Private	Process View status Validate documents (1)	

100

per page

Invoice1.tiff

Page 1 of 1

Sold to

Ultron Inc.
1801 Toldeo Beach Rd #1189
La Salle, MI 48145

Ship to

Ultron Inc. - Receiving Dock
6395 N Russel Rd
Oak Harbor, OH 43449

Invoice no.

10266

Invoice Date

22 Aug 2018

Purchase Order

26523

Quantity	Item no.	Description	Unit Price	Tax	Amount
15	1011	Sprocket - Large	38.50	G	577.50
15	1010	Sprocket - Med	18.95	G	284.25
15	1009	Sprocket - Small	8.90	G	133.50
Subtotal					995.25
Tax1 (GST) @ 7%					69.67
Invoice Amount					1,064.92
					\$
Terms: 2% 10 Net 30					

0 fields to validate

Show all fields

Fields

Invoice Number

10266

Invoice Date

22 Aug 2018

Total Amount

1,064.92

Contact_details

Ultron Inc.
1801 Toldeo Beach Rd #1189
La Salle, MI 48145

Table

Description	Quantity	Unit Price
Sprocket - Large	15	38.50
Sprocket - Med	15	18.95
Sprocket - Small	15	8.90

Reprocess

Mark as Invalid

Submit

This PC > New Volume (D:) > rpa > Invoices > Success					
derby	Name	Date modified	Type	Size	
	1A9F16EA-A778-4EB2-B243-EB30A9D7B...	5/19/2024 10:38 PM	Microsoft Excel Co...	1 KB	
its	78B11296-B62B-4D90-B8B0-99E3A0232...	5/17/2024 10:59 AM	Microsoft Excel Co...	1 KB	
	273BF968-1AB2-4BED-AE92-0CC835A66...	5/17/2024 10:54 AM	Microsoft Excel Co...	1 KB	
s	955EBBD7-BA55-4FAC-AC51-B53BCD72...	5/14/2024 3:23 PM	Microsoft Excel Co...	1 KB	
nieren					