



LAB 20 – KAPOW AND TOTAL AGILITY 7.1

GOAL: Call Kapow from Total Agility and call Total Agility from Kapow.

This lab assumes you are familiar with TotalAgility7 and with Kapow Design Studio and shows

1. Adding a **Kapow Activity** to a **Process Map** or **Business Rule**.
 - **This method replaces both** WebService Activity **and** .NET Activity
2. Adding a **Kapow Action** to a **Form**.
3. Logging in to TotalAgility and Creating a Job with a **Call SOAP Web Service** Step from Kapow

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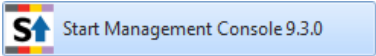
STEP 1: Install Kapow Design Studio

Kapow can simply be installed on top of a Total Agility solution without causing any port conflicts.

- a) Obtain a **Kapow Katalyst** license for "Design Studio Users" and "MC/KappZone Seats"
- b) **Download** Kapow Katalyst 9.x from <http://download.kapowsoftware.com>
- c) **Install** Kapow using default settings.

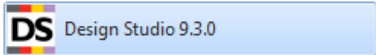
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d) Start **Management Console** from the **Windows Menu**

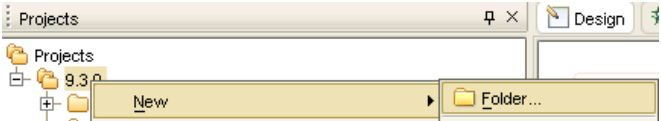


e) Open Management Console <http://localhost:50080/> and enter the license info.

f) Open Design Studio from the **Windows Menu**



g) Create a new Folder and call it **Kapow2KtA**

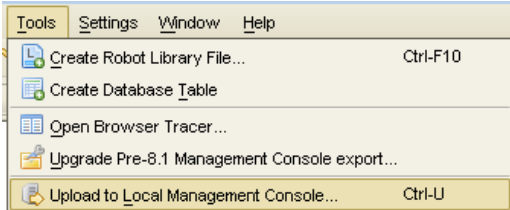


h) Right-click on the Folder and select **Explore**



i) Copy the 3 robots and type files from <http://goo.gl/8JCbH4> into this folder.

j) Upload the robots to the **Local Management Console (CTRL-U)** under the **Tools Menu**



Robot	URL
InterestRate	https://www.bankofamerica.com/home-loans/mortgage/overview.go Returns the current 30-year fixed interest rate.

Is a new home in your future
Let us help you get there with the right mortgage

	Rate	APR
30-year fixed	4.125%	4.277%
20-year fixed	4.000%	4.204%
15-year fixed	3.375%	3.563%

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VATID

http://ec.europa.eu/taxation_customs/vies/vatResponse.html

Returns whether the Value Added Tax ID is valid, along with company name and address

You could change this robot to your regional equivalent.

Employer ID Number (EIN) in the USA

<http://www.irs.gov/Businesses/Small-Businesses-&Self-Employed/Employer-IDs-Numbers-EINs>

Australian Business Number

<http://abr.business.gov.au/>

VIES VAT number validation

Yes valid VAT number

Member State	AT
VAT Number	AT-US35037554
Date when request received	2014/06/12 11:49:00
Name	Apkardrot Aktiengesellschaft
Address	Alsbjergg 35 A-1100 Wien
Consultation Number	

KofaxFacebook

<https://www.facebook.com/kofax.inc>

Creates jobs in Total Agility for each recent post by Kofax on Facebook.

facebook

2014

Kofax shared a link.
4 hours ago ·

Suncorp, a leading bank in Australia, recently took operations, and improve its ecological footprint and U.S. banks and lenders to do the same. Here's how

progressinlending.com | Learn From You
Executives working in financial services h
clog their...

2 · Share

STEP 2: Add the Kapow Server to Total Agility Integration Settings

- k) Open a browser window and enter the URL: <http://host1/TotalAgility/Designer>. You will see the TotalAgility Designer **Home Screen**.
Username = **host1\Administrator**
Password = **K0fax**

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Process Designer
Model processes and supporting artifacts such as variables, milestones, states, and resources.

Form Designer
Model forms that provide the user interface to support your processes.

Resources
Create individual resources and groups that interact with the system and your processes.

Data
Create entities, folder types, extraction and classification groups. Manage server variables and checklists to use in your processes and forms.

Business Monitoring
Model business events, targets and alerts for representing key performance indicators for your business.

Integration
Integrate Kofax TotalAgility with external systems such as Microsoft SharePoint and HP TRIM.

System Settings
Configure global system settings, manage scan/VRS, separation and PDF generation profiles, and assign access permissions.

Insight
Launch Insight Designer to model charts and views

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- l) Select **Integration** and **Kapow**



- m) Add a new **Kapow Server Configuration** point at <http://localhost:50080/>

Kapow Server Configuration

Id:

Display Name:

Management Console URL:

Communication Type: ☒ .NET ☐ REST

Management Console Security

Username:

Password:

[Test Connection](#)

STEP 3: Use a Kapow Activity in a Total Agility Process

- n) Create a **New Process** “**Get Bank Rate**”
- o) Add Process Variables “**InterestRate**” as **Double** and “**Term**” as **String**.

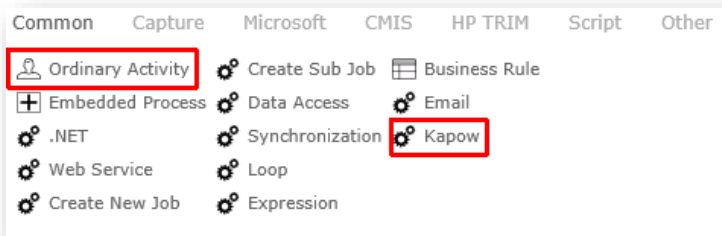
Name: Id: Process Initialization: ☒ Yes ☐ No

Type: Value: ☒ True ☐ False

Initialization	Name	Id	Type	Value	
<input type="checkbox"/>	InterestRate	INTERESTRATE	Double	0	x
<input type="checkbox"/>	Term	TERM	String		x

- p) Make “**Get Rate**” a **Kapow Activity** and “**Show Rate**” an **Ordinary Activity**

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q) Configure the Kapow Activity's return parameters

Name	Type	Value
Return Parameter	RobotOutput	
interestrates	InterestRate[]	
InterestRate		
Term	String	Term
Rate	Double	InterestRate

r) Release your Process

s) create a new Job in <http://host1/totalagility/forms/CreateNewJob.form> for your process "Get Bank Rate"

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- t) Open the job from the Work Queue <http://host1/totalagility/forms/GeneralWorkqueue.form>

Input Variables:

InterestRate

Term

Complete **Cancel**

STEP 4: Use a Kapow Activity in a TotalAgility Business Rule

This is identical to creating a process.

- a) Create a new Business Rule called “Check VATID”, with a single Kapow Activity called “Check VATID”



- b) This Business Rule has the following parameters

input: VATID as String

Output: Address as String, Name as String, Valid as Boolean, ErrorMessage as String.

Name: Id: Rule Input:

Type: Value: Rule Output:

Rule Input	Rule Output	Name	Id	Type	Value	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Address	ADDRESS	String		x
<input type="checkbox"/>	<input checked="" type="checkbox"/>	ErrorMessage	ERRORMESSAGE	String		x
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Name	NAME	String		x
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Valid	VALID	Bool	False	x
<input checked="" type="checkbox"/>	<input type="checkbox"/>	VATID	VATID	String		x

- c) Configure the Kapow Activity (This Robot also **formats** the VATID by removing spaces and capitalizing the input VAT number).

“**ATU 62603766**” is a valid VAT ID that you can use for testing

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General Configuration Advanced Triggers

ServerKapow1

ProjectDefault project

RobotVATID

Name	Type	Value
input	VATID_input	
VATIDWithCountry	String	VATID
Return Parameter	RobotOutput	
vatid_outputs	VATID_output[]	
VATID	String	VATID
Valid	Boolean	Valid
Name	String	Name
Address	String	Address
ErrorMessage	String	ErrorMessage

STEP 5: Create a Form that uses a Business Rule

Create form for testing the VAT ID Robot in a Business Rule. The user can enter a VATID and it will be interactively checked and formatted. If it is invalid an error message will be displayed.

- a) Create a new Form called "VAT"

VAT v17* Released

VATID

Invalid VATID

Name

Address

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- b) Add 3 TextBoxes "VATID", "Name" and "Address". Set "Address" to be **Multiline**

Multiline

- c) Add a Label "error" with the text "Invalid VATID" and change the color to Red.
d) Open the Form Data Tab and add a Boolean Form Variable called "**valid**"



- e) Open the **Actions** Tab



- f) Create the following Actions

Name	Type	Configuration
BeginConditionNotValid	Begin Condition	Value: [valid]=false
BeginConditionValid	Begin Condition	Value: [valid]=true
CheckID	Business Rule	Business Rule: Check VATID VATID:txtVAT Valid:valid Name:txtName Address:txtAddressx
DisplayRule1	Display Rule	Rule: [valid]=false True Outcome txtName=Hidden txtAddress=Hidden txtError=Enabled False Outcome txtName=ReadOnly txtAddress=ReadOnly txtError=Hidden
EndConditionNotValid	End Condition	
EndConditionValid	End Condition	
RedirectToErrorPage	Redirect	Form = Error SameWindow VATID=txtVAT
SetFocusToVATID	Set Focus	Field: txtVAT
ShowFields	Display Rule	

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g)

General Label Events Associations

Event Type
TextChanged



<input checked="" type="checkbox"/> CheckVatID	x	
<input checked="" type="checkbox"/> BeginConditionNotValid	x	
<input type="checkbox"/> RedirectToErrorPage	x	
<input checked="" type="checkbox"/> DisplayRule1	x	
<input checked="" type="checkbox"/> SetFocusToVATID	x	
<input checked="" type="checkbox"/> EndConditionNotValid	x	
<input checked="" type="checkbox"/> BeginConditionValid	x	
<input checked="" type="checkbox"/> ShowFields	x	
<input checked="" type="checkbox"/> EndConditionValid	x	

h) Release and close your Form

STEP 6: Test the Form

i) Open <http://host1/totalagility/forms/VAT.form>

The screenshot shows the Kofax TotalAgility Workspace interface. At the top is a blue header with the Kofax TotalAgility logo and the word "Workspace". Below the header is a navigation bar with five tabs: "To Do", "Jobs", "Resources", "Administration", and "Business Monitoring", each with a dropdown arrow. Below the navigation bar is a white content area. On the left side of this area is the label "VATID". To the right of the label is a text input field.

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- j) Enter “**ATU 62603766**” and press TAB, or click outside of the TextBox.
(The Event is called **TextChanged**, but it is triggered when the cell loses focus)

VATID	ATU 62603766
Name	Ankerbrot Aktiengesellschaft
Address	Absbergg 35 A-1100 Wien

- k) Enter an invalid VATID and press TAB

VATID	ATU 62603766x
ATU 62603766x is not a registered VATID!	

STEP 7: Use a Kapow Action on a Total Agility Form

- l) Add a new Kapow Action to the Form called “GETVATInfo”

GetVATInfo	Kapow
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m) configure the Kapow Action to use your Kapow Robot

Server	Kapow1	
Project	Default project	
Robot	VATID	
Name	Type	Value
input	VATID_input	
VATIDWithCountry	String	txtVAT
Return Parameter	RobotOutput	
vatid_outputs	+VATID_output[]	
VATID_output		
VATID	String	Drop from consume here
Valid	Boolean	valid
Name	String	txtName
Address	String	txtAddress
ErrorMessage	String	error

n) Configure the Text Label txtVATID to use the Kapow Action

General	Label	Events	Associations
Event Type			
TextChanged			
<input type="checkbox"/>	CheckVatID	x	
<input checked="" type="checkbox"/>	GetVATInfo	x	
<input checked="" type="checkbox"/>	BeginConditionNotValid	x	
<input type="checkbox"/>	RedirectToErrorPage	x	
<input checked="" type="checkbox"/>	DisplayRule1	x	
<input checked="" type="checkbox"/>	SetFocusToVATID	x	
<input checked="" type="checkbox"/>	EndConditionNotValid	x	
<input checked="" type="checkbox"/>	BeginConditionValid	x	
<input checked="" type="checkbox"/>	ShowFields	x	
<input checked="" type="checkbox"/>	EndConditionValid	x	

STEP 8: Call Total Agility SOAP Web Service from a Kapow Robot

Total Agility provides the following web services.

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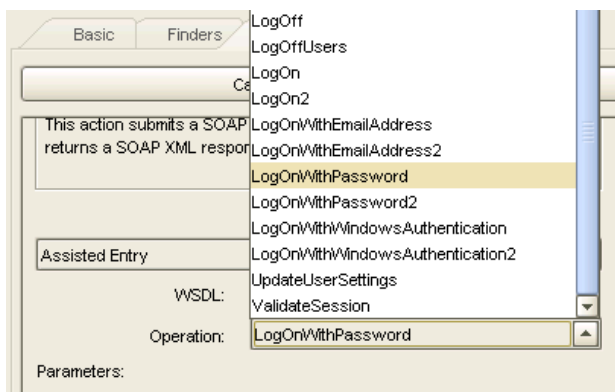
<http://host1/TotalAgility/Services/Sdk/UserService.svc> for logging on and off and managing users.

<http://host1/TotalAgility/Services/Sdk/UserService.svc?singleWsdI>

<http://host1/TotalAgility/Services/Sdk/JobService.svc> for manipulating jobs.

<http://host1/TotalAgility/Services/Sdk/JobService.svc?singleWsdI>

if you open the **.singleWsdI** file in the “**Call SOAP Web Service**” Step in Kapow you can browse the available Operations



STEP 9: Create a Simple Process in Total Agility

1. Create a Process in TotalAgility called **ReviewFBPost** that simply has one Ordinary Activity and one Initialization Paramter called **TEXT** of type String and set **Initialization=true**. We will use this to pass the text of a Facebook post into TotalAgility for someone to review.

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Variables

Name Id

Type Value ☐ True ☐ False

Initialization	Name	Id	Type	Value
<input checked="" type="checkbox"/>	Text	TEXT	String	

- Set the parameter **TEXT** as an input in the “Review Facebook post” Activity.

Kofax TotalAgility Process Designer

Back Active Save Release Cut Copy Paste Orientation Rearrange Update Resources

Designer Variables States Milestones Roles Process Events Integration Data Resources Business Rules Business Events System

Process

Text

Extended Properties

General **Input/Output** Resources Business Events Activity Notifications Advanced Triggers

Input

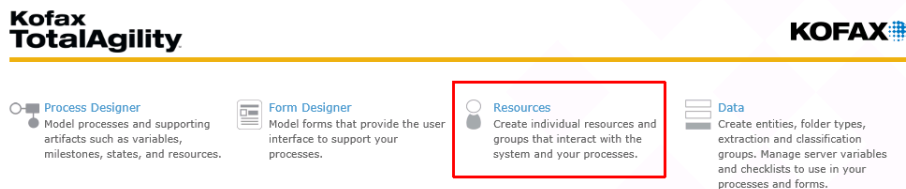
Text

Output

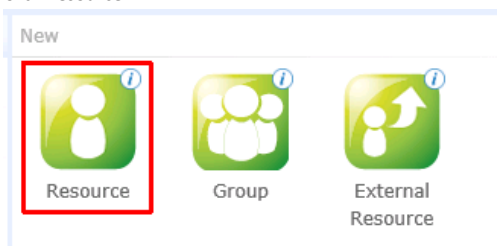
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STEP 10: Log in to Total Agility from a Kapow Robot using "Assisted Entry"

1. You will need to create a user account in Total Agility to login with from Kapow. Click on **Resources**



2. Click **Resource**



3. Create a user called **Kapow** with password **Kapow1** (this is not a security tutorial ☺)

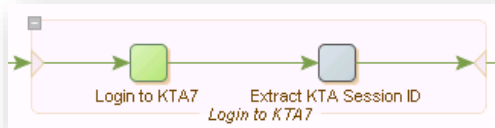
You can find this resource later under **Resources/Everyone**

4. Create the Robot "KofaxFacebook.robot" in **Kapow Design Studio** (or open it if you loaded it in step 1).

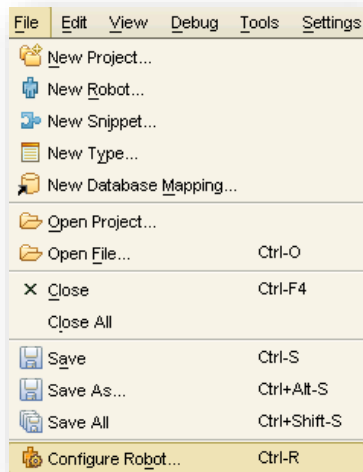
This robot demonstrates XML manipulation and the use of the "Call SOAP Web Service" Step and its two modes "Assisted entry" and "Manual Entry"

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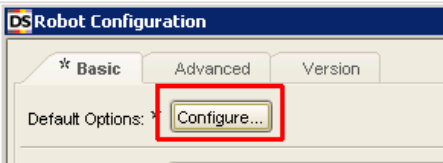
Assisted Entry helps you build the XML, and **Manual Entry** requires XML as input.



5. Open **File/Configure Robot/Basic/Configure...** and configure your login credentials as you do within a webbrowser to connect to TotalAgility.

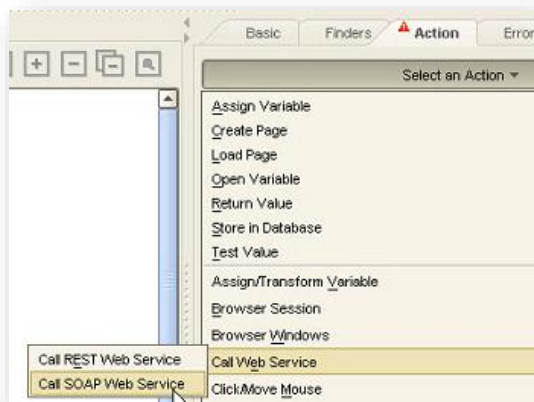


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The DS Robot Configuration dialog box is shown with the 'Basic' tab selected. The 'Default Options:' section has a 'Configure...' button highlighted with a red rectangle. Below this, the 'All Loading' tab is active, showing fields for 'Credentials' (set to 'Standard'), 'Username' (set to 'host1\Administrator'), and 'Password' (set to '*****'), all highlighted with red rectangles. Other fields include 'Client Certificate' (set to 'Automatic') and 'SSL/TLS' (set to 'Use SSLv2 Hello; accept both SSL 3.0 and TLS 1.0').

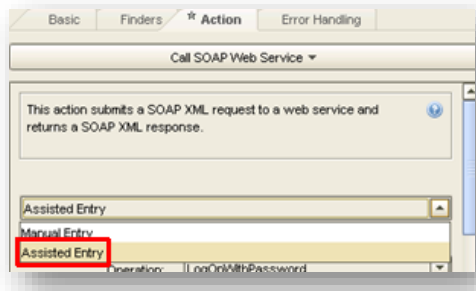
6. Add a "Call SOAP Web Service" Step to your Robot.



The 'Action' menu is open, showing a list of actions. The 'Call SOAP Web Service' option is highlighted with a yellow background and a mouse cursor. Other visible options include 'Assign Variable', 'Create Page', 'Load Page', 'Open Variable', 'Return Value', 'Store in Database', 'Test Value', 'Assign/Transform Variable', 'Browser Session', 'Browser Windows', 'Call REST Web Service', 'Call Web Service', and 'Click/Move Mouse'.

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- select “**Assisted Entry**”, which creates the required XML fragments for you for the SOAP call. “**Manual Entry**” requires you to build the XML manually.

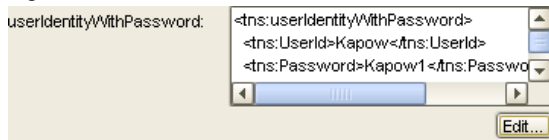


- Deselect “**Validate Against Schema**” because TotalAgility Web Services do not refer to XML Schemas.
<http://www.w3schools.com/Schema/default.asp>

Commented [DW1]: Charlie, can you confirm this please!

Validate Against Schema: * ☐

- Load the WSDL <http://host1/TotalAgility/Services/Sdk/UserService.svc?singleWSDL>
- Select the Operation “LogOnWithPassword”
- Edit the XML to log on to TotalAgility with user “**Kapow**”, who has password “**Kapow1**”. Add **7** to LogonProtocol.



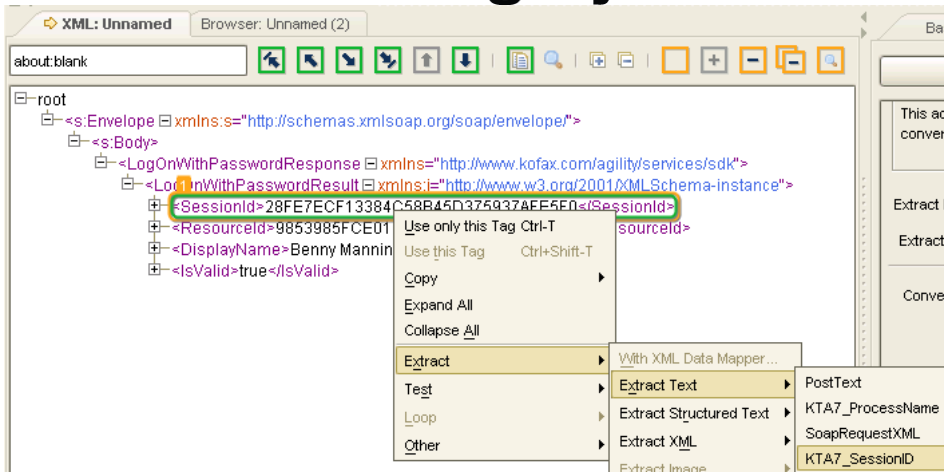
```
<tns:userIdentityWithPassword>
  <tns:UserId>Kapow</tns:UserId>
  <tns:Password>Kapow1</tns:Password>
  <tns:LogOnProtocol>7</tns:LogOnProtocol>
  <tns:UnconditionalLogOn>true</tns:UnconditionalLogOn>
</tns:userIdentityWithPassword>
```

- Click on the Endpoint on the workflow



- The Web Service returns with an XML response that shows in the Kapow Browser Window. Extract the SessionID into a global Short String variable “**KTA7_SessionID**”.

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You have now logged into Total Agility 7 and can start to make things happen!

STEP 11: How to find the XML required for a SOAP Request using Kapow

The following is the SOAP Request required to call **CreateJob** in TotalAgility and pass in the **sessionId**, **TEXT**, and **StartDate**. (Note that the values of the parameters are missing)

Below are steps to find this XML and put it into a Kapow XML variable for manipulation using the Kapow Debugger's logger.

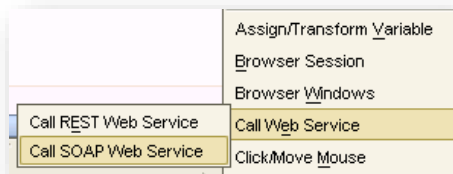
Commented [DW2]: Kapow. Is this a good way to do this?

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <!--KAPOW HERE-->
    <CreateJob xmlns="http://www.kofax.com/agility/services/sdk">
      <sessionId/>
      <processIdentity>
        <Id xsi:nil="true"/>
        <Version>0</Version>
        <Name/>
      </processIdentity>
      <jobInitialization>
        <inputVariables>
          <inputVariable>
            <Id>TEXT</Id>
            <Value xsi:type="xsd:string"/>
          </inputVariable>
        </inputVariables>
        <StartDate xsi:nil="true"/>
      </jobInitialization>
    </CreateJob>
  </soap:Body>
</soap:Envelope>
```

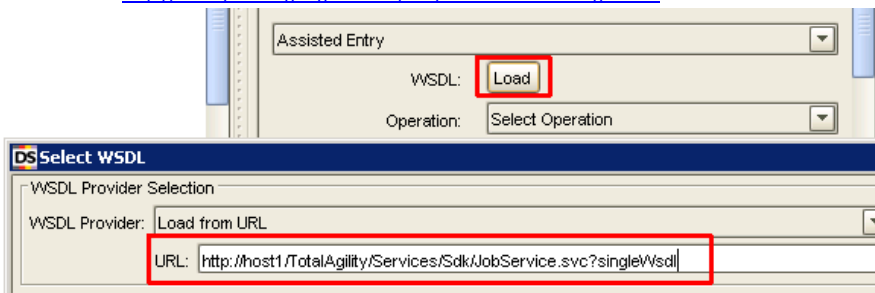
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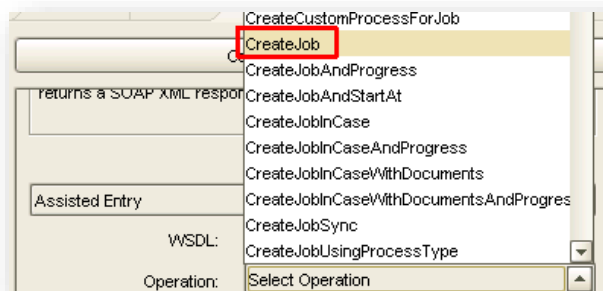
1. Add a "Call SOAP Web Service" Step to a Kapow Robot.



2. Load the WSDL <http://host1/TotalAgility/Services/Sdk/JobService.svc?singleWsd>



3. Select "CreateJob" as the Operation.



4. Kapow creates the following parameters that the Web Service Requires

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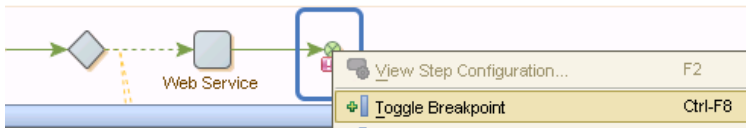
processIdentity	<pre><tns:processIdentity> <tns:Id>Id</tns:Id> <tns:Version>0.0</tns:Version> <tns:Name>Name</tns:Name> </tns:processIdentity></pre>
jobInitialization	<pre><tns:jobInitialization> <!--Two elements below are array items.--> <!--Add more or remove when needed.--> <tns:InputVariables> <tns:Id>Id</tns:Id> <tns:Value></tns:Value> </tns:InputVariables> <tns:InputVariables> <tns:Id>Id</tns:Id> <tns:Value></tns:Value> </tns:InputVariables> <tns:StartDate></tns:StartDate> </tns:jobInitialization></pre>

5. Deselect “**Validate Against Schema**” because TotalAgility Web Services do not refer to XML Schemas.
<http://www.w3schools.com/Schema/default.asp>

Commented [DW3]: Charlie, can you confirm this please!

Validate Against Schema: * ☐

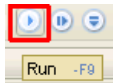
6. **Toggle a Breakpoint** after the Web Service Step (CTRL-F8).



7. Switch to **Debug Mode** (CTRL-D)



8. **Run the Robot** (F9)



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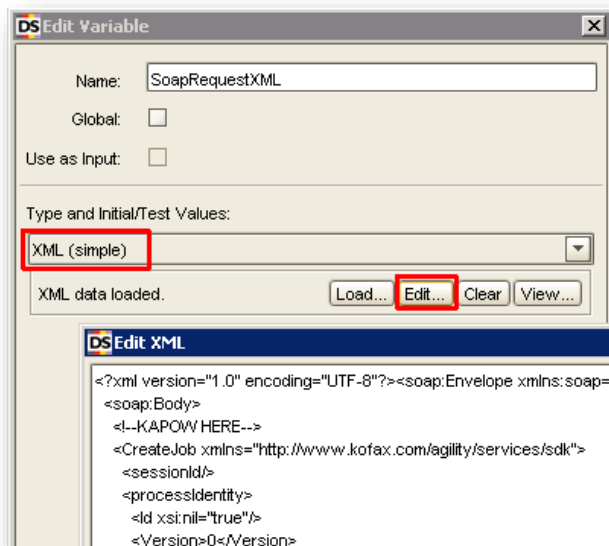
9. View the Logger. Here you will find the SOAP Request. Copy it to the clipboard.



10. Switch back to **Design Mode** (also CTRL-D)



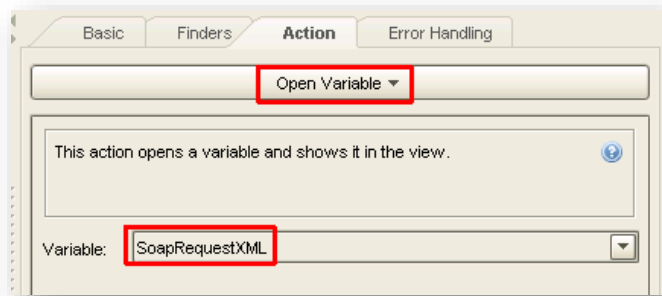
11. Create an XML Variable "SoapRequestXML" and paste in the default value of the XML that is in your clipboard.



STEP 12: Fill the SOAP Request with parameters

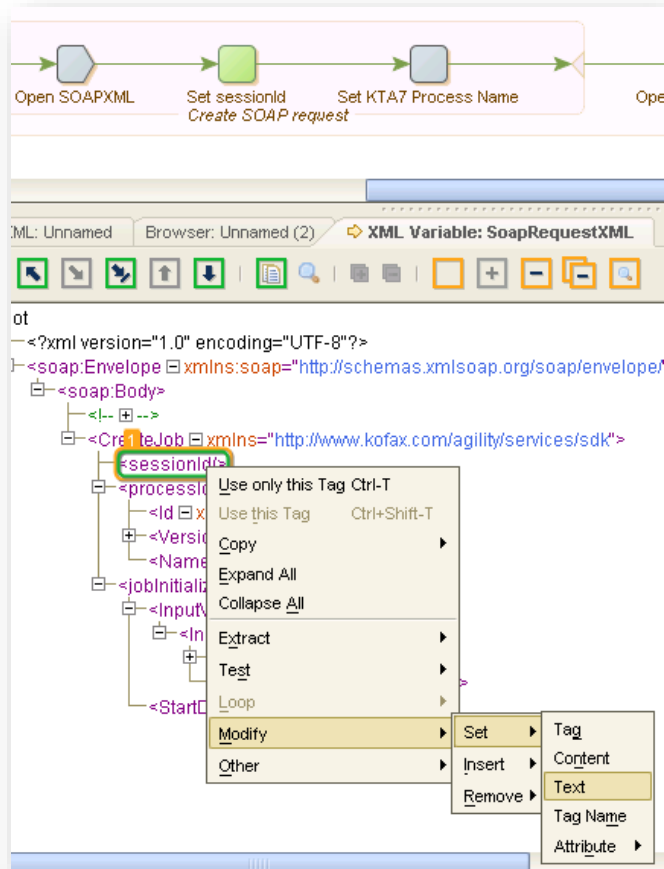
Now we will fill the SOAP XML Request with the correct parameters and use it in the SOAP Request Step.

12. Add an “Open Variable” Step using the Variable **SoapRequestXML**

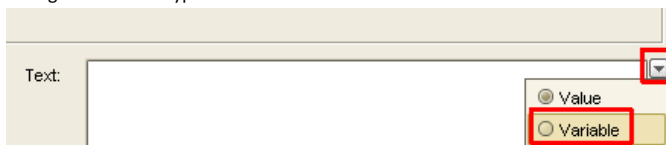


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13. Insert the variable **KTA_SessionID** into the XML



14. Change the Text to type **Variable**



15. Use the Variable **KTA7_SessionID**.
(You only need to change the Encoding to CDATA if you don't want Kapow to encode the following 5

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special characters &<>"')

Specify the text of the tag.

Text:

Encoding:

16. Similarly, Set the **processIdentity** name to **ReviewFBPost**, which is the name of the process in TotalAgility.
17. The following steps loop through the posts on Facebook and are not interesting here



18. You will need to open the XML variable again, because the Browser window is look at Facebook



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19. Insert the text of the Facebook Post into the XML.



The screenshot shows the XML editor interface. The XML structure is as follows:

```

<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soap:Body>
    <!-- -->
    <CreateJob xmlns="http://www.kofax.com/agility/services/sdk">
      <sessionId>28FE7ECF13384C58B45D375937AFE5F0</sessionId>
      <processidentity>
        <id xsi:nil="true"/>
        <Version>0</Version>
        <Name>ReviewFBPost</Name>
      </processidentity>
      <jobinitialization>
        <inputvariables>
          <inputvariable>
            <!-- -->
            <value xsi:type="xsd:string">TEXT</value>
            <startdate xsi:nil="true"/>
          </inputvariable>
        </inputvariables>
      </jobinitialization>
    </CreateJob>
  </soap:Body>
</soap:Envelope>
  
```

A context menu is open over the `<value>` tag, showing options like "Use only this Tag", "Copy", "Expand All", "Collapse All", "Extract", "Test", "Loop", "Modify", and "Other". The "Set" option is selected, and a sub-menu is open showing "Tag", "Content", "Text", "Tag Name", and "Attribute". The "Text" option is highlighted.

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20. We now have the SOAP Request message correctly filled with the **SessionID**, **Process Name** and initialization parameter **TEXT**.

```

<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soap:Body>
    <CreateJob xmlns="http://www.kofax.com/agility/services/sdk">
      <sessionId>28FE7ECF13384C58B45D375937AFE5F0</sessionId>
      <processId>
        <Id xsi:nil="true"/>
        <Version>0</Version>
        <Name>ReviewFBPost</Name>
      </processId>
      <jobInitialization>
        <inputVariables>
          <inputVariable>
            <Id>TEXT</Id>
            <Value xsi:type="xsd:string">Suncorp, a leading bank in Australia, recently took on
          </Value>
          <StartDate xsi:nil="true"/>
        </inputVariables>
      </jobInitialization>
    </CreateJob>
  </soap:Body>
</soap:Envelope>

```

STEP 13: Create a Total Agility Job from a Kapow Robot

21. Configure the "Call SOAP Web Service" action.

Web Service URL: <http://host1/TotalAgility/Services/Sdk/JobService.svc>

The **SOAP Action** is the Base URL of the webservice and the name of the action.

SOAP Action: <http://www.kofax.com/agility/services/sdk/JobService/CreateJob>

Set the **Output** to **Output Result as XML Page** so that you can see the response from TotalAgility

Commented [DW4]: Charlie, do you have a comment about SOAP 1.1 or SOAP 1.2?

Call SOAP Web Service

This action submits a SOAP XML request to a web service and returns a SOAP XML response.

Manual Entry

Web Service URL: <http://host1/TotalAgility/Services/Sdk/JobService.svc>

SOAP Action: <http://www.kofax.com/agility/services/sdk/JobService/CreateJob>

SOAP Request: * XML from Variable

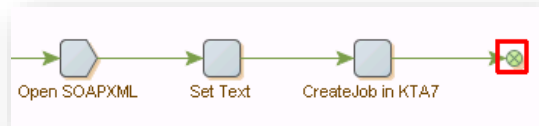
XML Variable: SoapRequestXML

SOAP Version: SOAP 1.1

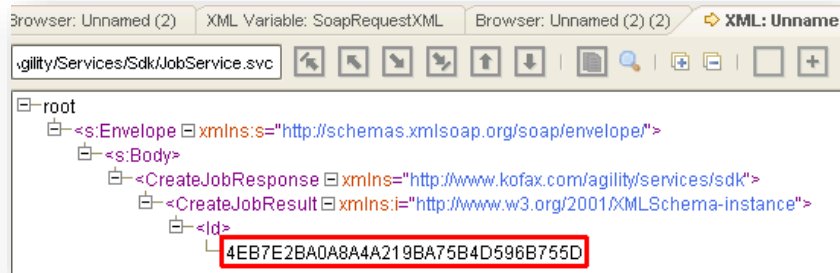
Output: Output Result as XML Page

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22. Click to the end of the Robot



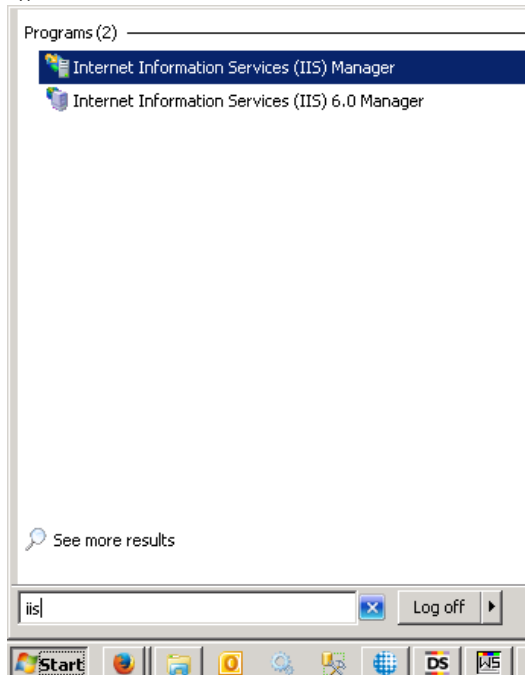
23. You can see the response from TotalAgility 7: the job has been successfully created and you have received the **JobID**.



Enable Directory Browsing in IIS

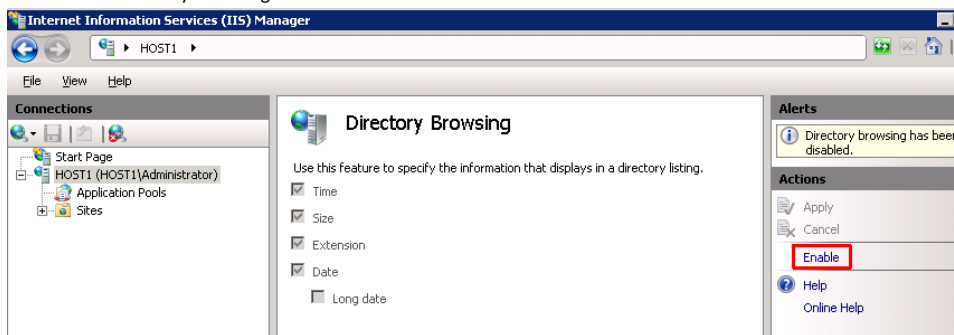
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Type "IIS" into windows Search



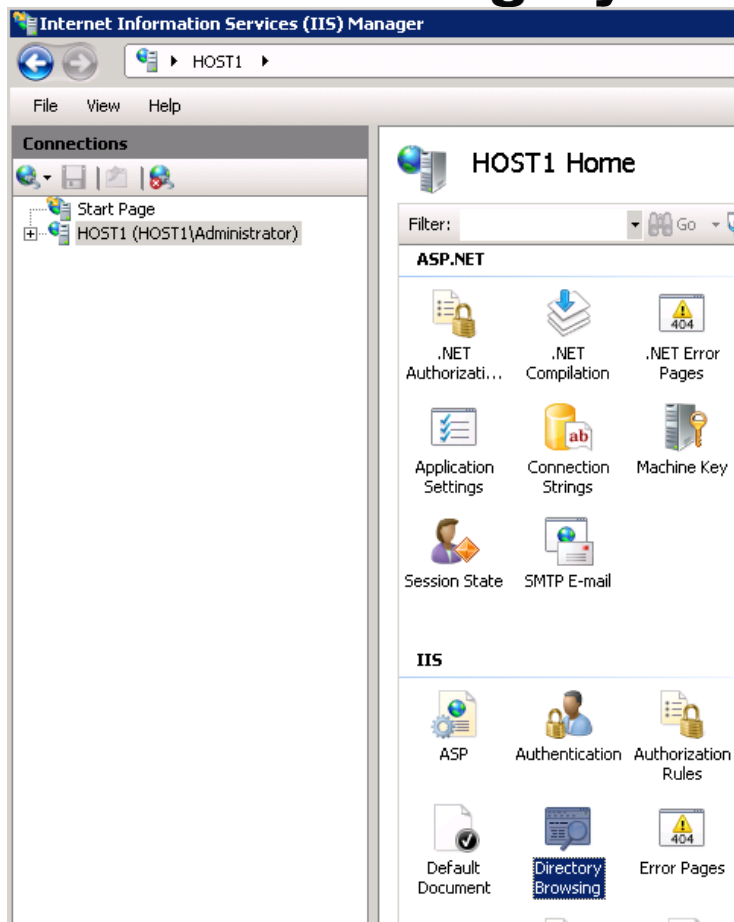
Start IIS

Double Click Directory Browsing.



You can now go to

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You can now go to and view all SOAP Services available within Total Agility. <http://host1/TotalAgility/Services/Sdk/>

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Kapow Catalyst Management ...

host1 - /TotalAgility/Services/Sdk/

←

http://host1/TotalAgility/Services/Sdk/

SharePoint

KTA Designer

KTA Workspace

host1 - /TotalAgility/Services/Sdk/

[\[To Parent Directory\]](#)

6/23/2014 3:38 PM	97	ActivityService.svc
6/23/2014 3:38 PM	94	AssetService.svc
6/23/2014 3:38 PM	106	BusinessCalendarService.svc
6/23/2014 3:38 PM	102	BusinessEventService.svc
6/23/2014 3:38 PM	109	BusinessIntelligenceService.svc
6/23/2014 3:38 PM	101	BusinessRuleService.svc
6/23/2014 3:38 PM	110	CaptureConfigurationService.svc
6/23/2014 3:38 PM	105	CaptureDocumentService.svc
6/23/2014 3:38 PM	98	CaptureKfsService.svc
6/23/2014 3:38 PM	104	CaptureProjectService.svc
6/23/2014 3:38 PM	108	CaptureRuntimeRestService.svc
6/23/2014 3:38 PM	104	CaptureRuntimeService.svc
6/23/2014 3:38 PM	93	CaseService.svc
6/23/2014 3:38 PM	98	CategoryService.svc
6/23/2014 3:38 PM	99	ChecklistService.svc
6/23/2014 3:38 PM	94	ClientService.svc
6/23/2014 3:38 PM	103	CmisIntegrationService.svc
6/23/2014 3:38 PM	97	DataAccessService.svc
6/23/2014 3:38 PM	107	DocumentGenerationService.svc
6/23/2014 3:38 PM	103	DocumentViewerService.svc
6/23/2014 3:38 PM	104	DynamicResourceService.svc
6/23/2014 3:38 PM	108	DynamicsAxIntegrationService.svc
6/23/2014 3:38 PM	109	DynamicsCrmIntegrationService.svc

STEP 1: Upload Documents from Kapow via the File System

*This will only work if the KTA7 server and the Kapow Server both have access to the same file system.
This cannot work in a cloud environment*

STEP 2: Upload Documents from Kapow via Binary Stream

You will need to do this in a cloud environment.

*This method is more secure and better than the file system method as there is direct document transfer,
avoiding the file system and potential document loss of manipulation by a 3rd party.*