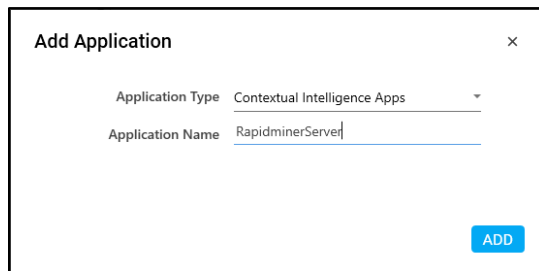


# AssistEdge RPA Demo Guide 18.0

## Intelligent Automation Use Case – Sewing Machine Predictive Maintenance

1. Add Rapid Miner machine learning server under Contextual Intelligence Apps
  - a. Click “+” icon under application section of automation studio
  - b. Select Contextual Intelligence Apps for Application Type
  - c. Enter an application name of your choice
  - d. Under Search properties
    - i. Select Http Method “GET”
    - ii. Enter the Server URL
    - iii. Check “SignIn”
    - iv. Enter a Display Name for the application
    - v. Click on “Save”

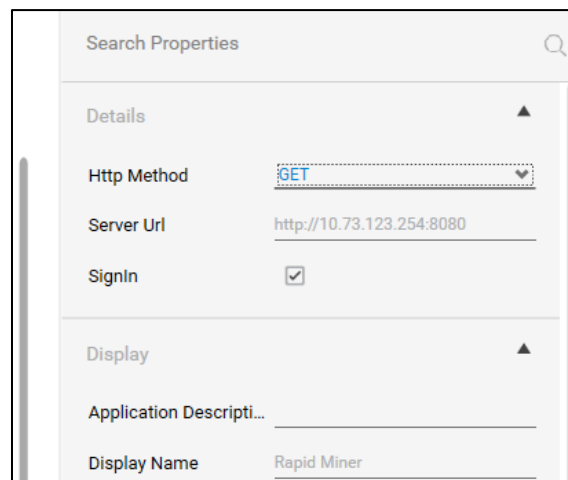


**Add Application**

Application Type: Contextual Intelligence Apps

Application Name: RapidminerServer

**ADD**



**Search Properties**

**Details**

Http Method: GET

Server Url: http://10.73.123.254:8080

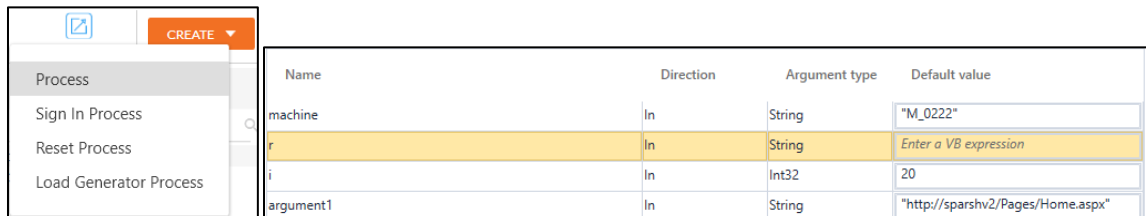
SignIn: ☒

**Display**

Application Descripti...:

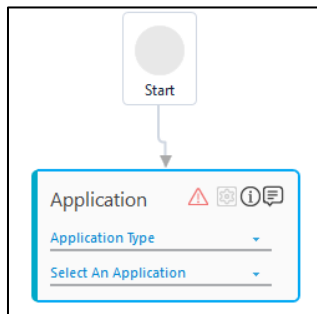
Display Name: Rapid Miner

2. Create a new process in the Automation Studio and create the following Arguments

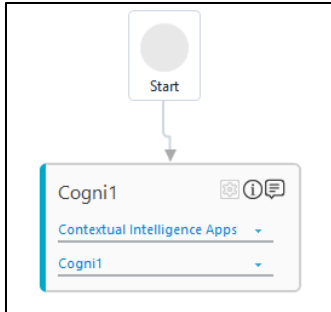


Name	Direction	Argument type	Default value
machine	In	String	"M_0222"
r	In	String	Enter a VB expression
i	In	Int32	20
argument1	In	String	"http://sparshv2/Pages/Home.aspx"

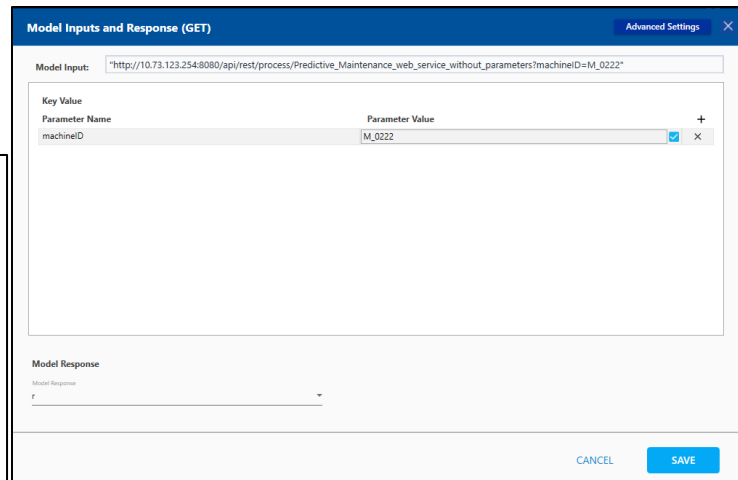
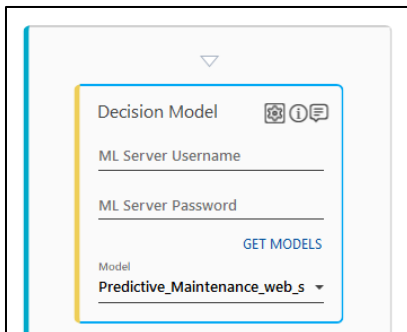
3. Drag and drop application activity in the canvas



4. Select Application Type as Contextual Intelligence Apps and Select the RapidMiner application



5. Inside the application block follow the below steps:
  - a. Drag and drop Decision Model activity under Contextual Intelligence category
  - b. Enter ML Server(RapidMiner) Username and Password
  - c. Click on GET MODELS
  - d. Select the model(Predictive\_Maintenance\_web\_service\_with\_parameters) from the available list of ML models
  - e. Click the Settings Icon
  - f. Configure Key Value, Parameter Value and Model Response
  - g. Click on "Save"



- h. Drag and drop Decision Workbench activity under Contextual Intelligence category
- i. Select the Subsequent Process Profile and Process Name [Select a dummy delay (2 minutes) process for practice]
 

**Note: Subsequent Process should be published and deployed, else it will not show up in the drop-down**
- j. Click the Settings icon
- k. Configure the following parameters for the below label sections:
  - i. Reference Data – Field (Argument "r"), Display Name [ML Input]
  - ii. Reference Document – Field (Argument1), Display Name [Reference]
  - iii. Decision – Field (machine), Display Name [ML output], Confidence Score (Argument "I"), Permission (Edit), Edit Type (List), Possible Values (Yes, No, Hold)
  - iv. Click on "Confirm"

Decision Workbench

Subsequent Process

Profile

Process Name

Expiration Time (seconds)

☐ Retry

Retry Attempt

Retry Cool Off (seconds)

Configuration

+ Add

×

Section	Field	Display Name	Confidence Score	Permission	Edit Type	Possible Values	Process Input
Select Reference Data	Select r	ML Input	Confidence Score	Permission	Edit Type		<input type="checkbox"/>
Select Reference Docum	Select argument1	Reference	Confidence Score	Permission	Edit Type		<input type="checkbox"/>
Select Decision	Select machine	ML Output	Confidence Score	Permission Edit	Edit Type List	Yes,No,Hold	<input type="checkbox"/>

CONFIRM

- Launch Albie Decision Workbench from the folder:  
<Build>\clienttools\AutomationRuntime\AlbieDecisionWorkbench

Albie Decision Workbench

assistedge | Albie Decision Workbench

Task list for decision making

Sort By: Received On

Today (6)

Transaction Id

c7d13594-ec6f-42...

Received On

Thursday 19 Sep 2019 at 1:34 PM

Profile

processmin

Process

demoProcess

Assigned to

NA

Transaction Id

047e4aca-0101-4...

Received On

Thursday 19 Sep 2019 at 1:32 PM

Profile

processmin

Process

demoProcess

Assigned to

NA

Transaction Id

60cac6ac-0f6a-41...

Received On

Thursday 19 Sep 2019 at 1:31 PM

Profile

processmin

Process

demoProcess

Assigned to

NA

Transaction Id

09502147-1460-4...

Received On

Thursday 19 Sep 2019 at 1:30 PM

Profile

processmin

Process

demoProcess

Assigned to

NA

- Click on a request, review the data and click on either SUBMIT, CANCEL OR ESCALATE  
**Note: When the user clicks on Escalate, the request is sent to the escalation queue.**

