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HOW TO START A JOB IN UIPATH THROUGH POSTMAN & MICROSOFT POWER AUTOMATE VIA ORCHESTRATOR API

Use the below link as a reference for a list of all UiPath Orchestrator API details

https://postman.uipath.rocks/#8f3b38d8-57dc-4d79-876d-0d2ff897f61a

Contents

Perform all steps in sequence from step 1 to 5 in Postman

1. <mark>Get UiPath Token</mark>

Orchestrator Guide Method Name	POST: Authenticate (Cloud)
POST	https://account.uipath.com/oauth/token
Headers	**Content-Type:** application/json **X-UIPATH-TenantName:** saurabhnavangul (your tenant name) **To get your Tenant Name**: Login to UiPath orchestrator automation cloud→ Home→ Manage→ Tenants → expand the tenant name arrow → cloud icon(api access) → Tenant Name
Body: raw, json	```{ "grant_type": "refresh_token", "client_id": "8DEv1AMNXczW3y4U15Ld33jYf62jK93rt", "refresh_token": "y-4eOqQBM1DMNd5aSfmhQWm9lQiP2ZRoARlZi9aErr4s3" }``` To get "Cient ID": Login to UiPath orchestrator automation cloud→ Home→ Manage→ Tenants → expand the tenant name arrow → cloud icon(api access) → Client ID To get refresh token: → User "Key" from above page in orcestrator
After running the above you get access token in the response.	"access_token": "<mark>eyJhsdawfaJSUzI1NiIsInR5cCI6IkpXVCIsImtpZCI6IlJUTkVOMEl5T1RWQk1UZEVRVEEzUlRZNE16UkJPVU00UVRRM016TXlSaIUzUmpnMk4wSTBPQSJ9.eyJodHRwczovL3VpcGF0aC9lbWFpbCI6InNhdXJhYmhuYXZhbmd1bEBnbWFpbC5jb20iLCJodHRwczovL3VpcGF0aC9lbWFpbF92ZXJpZmllZCI6dHJ1ZSwiaXNzIjoiaHR0cHM6Ly9hY2NvdW50LnVpcGF0aC5jb20iiwic3ViIjoiYXV0aDB8NWNlNzY1NzhlZTJkYjQwZjVhNTYwZThiIiwiYXVkIjpbImh0dHBzOi8vb3JjaGVzdHJhdG9yLmNsb3VkLnVpcGF0aC5jb20iLCJodHRwczovL3VpcGF0aC5ldS5hdXRoMC5jb20vdXNlcmluZm8iXSwiaWF0IjoxNjA1NzgzODE5 "</mark>

2. Get Orchestrator Folders

Orchestrator Guide Method Name	GET Folders: Get All
GET	Use your orchestrator URL {{url}}/odata/Folders Example: https://cloud.uipath.com/saurabhnavangul/saurabhnavangul/odata/Folders
Headers	**Content-Type:** application/json **X-UIPATH-TenantName:** saurabhnavangul (your tenant name) To get your Tenant Name: Login to UiPath orchestrator automation cloud→ Home→ Manage→ Tenants → expand the tenant name arrow → cloud icon(api access) → Tenant Name
Authorization	**Type: OAuth2** **Access Token:** *<enter what you got as the response output in step 1>* **Note: DONOT use double quotes "" when copy pasting the access token.**
Body:	

After running the above you get details for all your folders in the Orchestrator. Note the ID in the response for your desired folder.	`"IsActive": true,`
	`"FeedType": "Processes",`
	`"Id": 59446`

3. <mark>Get Robot IDs</mark>

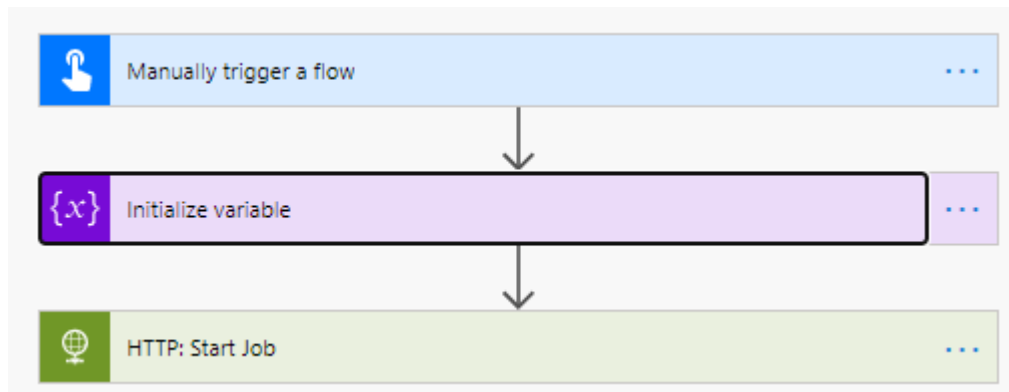|	
Orchestrator Guide Method Name	**GET Robots: Get All**
GET	Use your orchestrator URL {{url}}/odata/Robots Example: https://cloud.uipath.com/saurabhnavangul/saurabhnavangul/odata/Robots
Headers	**Content-Type:** application/json **X-UIPATH-TenantName:** saurabhnavangul (your tenant name) **X-UIPATH-OrganizationUnitId:** **59446 *(use ID that you got in step 2 as the response)*** To get your Tenant Name: Login to UiPath orchestrator automation cloud→ Home→ Manage→ Tenants → expand the tenant name arrow → cloud icon(api access) → Tenant Name
Authorization	**Type: OAuth2** **Access Token: *<enter what you got as the response output in step 1>***
Body:	

After running the above you get details for all your Robots in the Orchestrator. Note the ID in the response for your desired Robot.	`"IsExternalLicensed": `**`false`**`,`
	`"LimitConcurrentExecution": `**`false`**`,`
	<mark>`"Id": 30300,`</mark>
	`"ExecutionSettings": `**`null`**

4. <mark>Get Releases</mark>

Orchestrator Guide Method Name	GET Releases: Get All
GET	Use your orchestrator URL {{url}}/odata/Releases Example: https://cloud.uipath.com/saurabhnavangul/saurabhnavangul/odata/Releases
Headers	**Content-Type:** application/json **X-UIPATH-TenantName:** saurabhnavangul (your tenant name) **X-UIPATH-OrganizationUnitId:** **59446 *(use Id that you got in step 2 as the response)*** To get your Tenant Name: Login to UiPath orchestrator automation cloud→ Home→ Manage→ Tenants → expand the tenant name arrow → cloud icon(api access) → Tenant Name
Authorization	**Type: OAuth2** **Access Token: *<enter what you got as the response output in step 1>***
Body:	

After running the above you get KEYs for all processes in Orchestrator as the response. Note the KEY for the process name you wish to start	`{`
	      `"Key": "`<mark>`b97a2031-932f-4fe6-b9b3-70f6f3ade`</mark>`",`
	   `"ProcessKey": "ConnectorsScraping",`
	   `"ProcessVersion": "1.0.1",`
	   `"IsLatestVersion": false,`
	   `"IsProcessDeleted": false,`
	   `"Description": "Blank Process",`
	   `"Name": "`<mark>`ConnectorsScraping_Bot`</mark>`",`
	    `……..`

5. Start Job

Orchestrator Guide Method Name	POST Jobs: Start Job
POST	Use your orchestrator URL {{url}}/odata/Jobs/UiPath.Server.Configuration.OData.StartJobs Example: https://cloud.uipath.com/saurabhnavangul/saurabhnavangul/odata/Jobs/UiPath.Server.Configuration.OData.StartJobs
Headers	**Content-Type:** application/json **X-UIPATH-TenantName:** saurabhnavangul (your tenant name) **X-UIPATH-OrganizationUnitId:** 59446 *(use Id that you got in step 2 as the response)* To get your Tenant Name: Login to UiPath orchestrator automation cloud→ Home→ Manage→ Tenants → expand the tenant name arrow → cloud icon(api access) → Tenant Name
Authorization	**Type: OAuth2** **Access Token:** *<enter what you got as the response output in step 1>*
Body: Raw, JSON	```{ "startInfo":` ` { "ReleaseKey": " b97a2031-932f-4fe6-b9b3-70f6f3ade",` ` "Strategy": "Specific",` ` "RobotIds": [30300],` ` "JobsCount": 0,` ` "Source": "Manual"` ` }` `}``` Release Key is obtained from the response in step 4 Robot ID is obtained from the response in step 3
JOB SHOULD RUN SUCCESSFULLY IN POSTMAN	

FOR USING POWER AUTOMATE TO RUN THE UIPATH JOB:

1. Choose a trigger. I have used a Manual Trigger for this example

2. Store Access Token that you got from step 1 in the Postman steps given above in a variable

3. Use HTTP Connector to start the UiPath Process. Use the respective values you got from all Postman steps

HTTP: Start Job

| *Method | POST |
| *URI | https://cloud.uipath.com/saurabhnavangul/saurabhnavangul/odata/Jobs/UiPath.Server.Configuration.OData.StartJobs |

Headers

Content-Type	application/json
X-UIPATH-TenantName	saurabhnavangul
X-UIPATH-OrganizationUnitId	59446
Authorization	Bearer {x} varAccessToken
Enter key	Enter value

Queries

| Enter key | Enter value |

Body

```
{
 "startInfo": {
   "ReleaseKey": "b97a2031-932f-4fe6-b9b3-70f6f3ade",
   "Strategy": "Specific",
   "RobotIds": [
    30300
   ],
   "JobsCount": 0,
   "Source": "Manual"
 }
}
```

Add dynamic content

Cookie Enter HTTP cookie

Show advanced options

4. Run the Power Automate Flow. It should run successfully