

# Module 7: Orchestrator CE & Other RPA Tools

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## Demo 1 – Solution

edureka!

**edureka!**

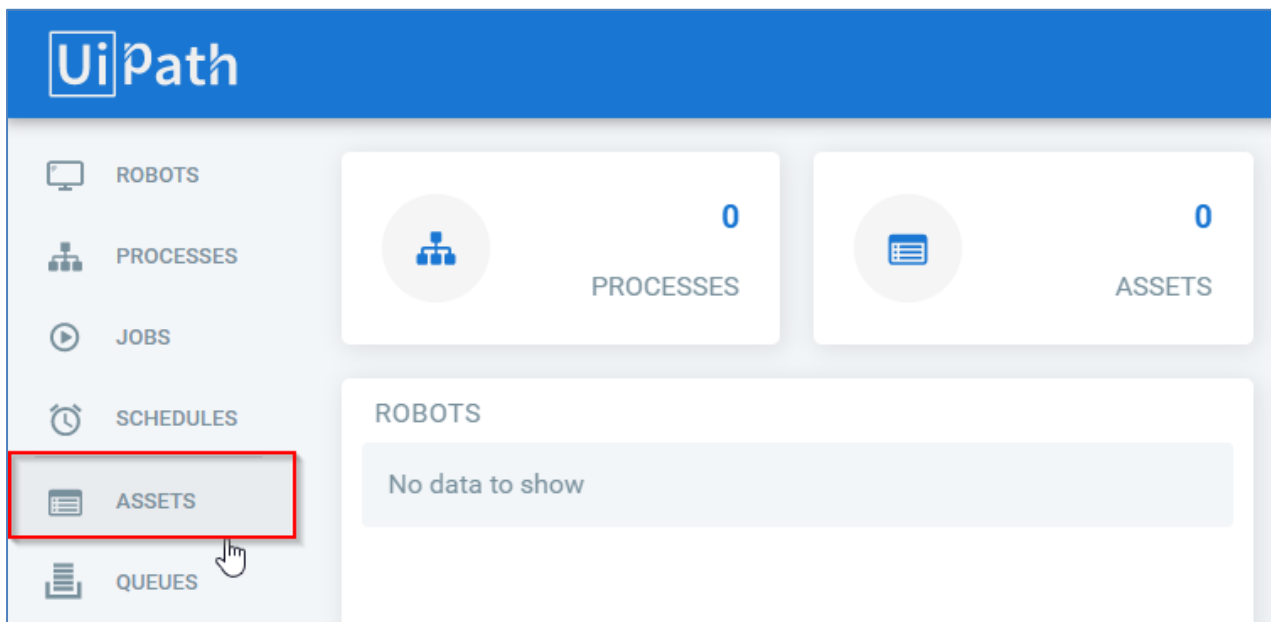
## Demo 1

- Create an automation to login to your email account.
  - Use **Assets** to store your credentials
  - The Automation has to be triggered from the Orchestrator

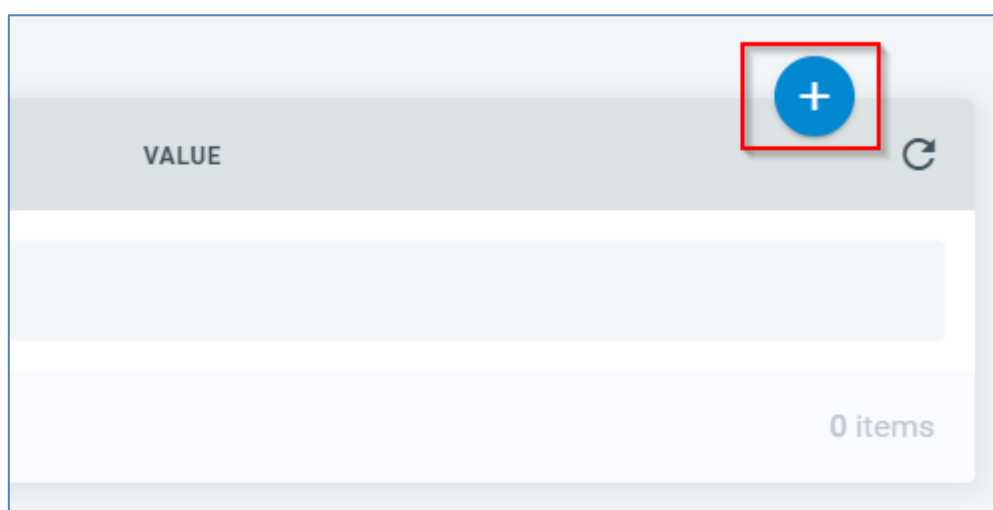
edureka!

## Demo 1 – Solution

- **Step 1:** Go to your UiPath Orchestrator CE web portal by navigating to <https://platform.uipath.com>.
- **Step 2:** Click on the **Assets** Tab.



1. Click on the Add button.



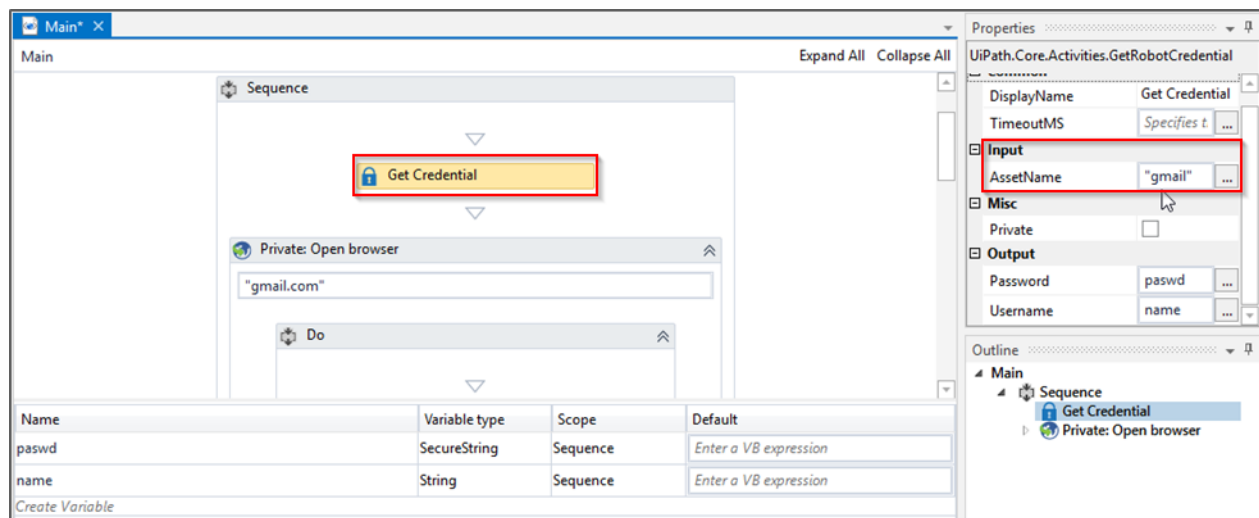
2. Give the Asset variable, a name and set Type to **Credential**.

SINGLE VALUE	VALUE PER ROBOT
<div>Asset name *</div> <div>gmail</div>	<div>Type</div> <div>Text</div> <div><div>Text</div><div>Bool</div><div>Integer</div><div>Credential</div></div>
<div>Value *</div> <div></div>	
	<div>CANCEL</div> <div>ADD</div>

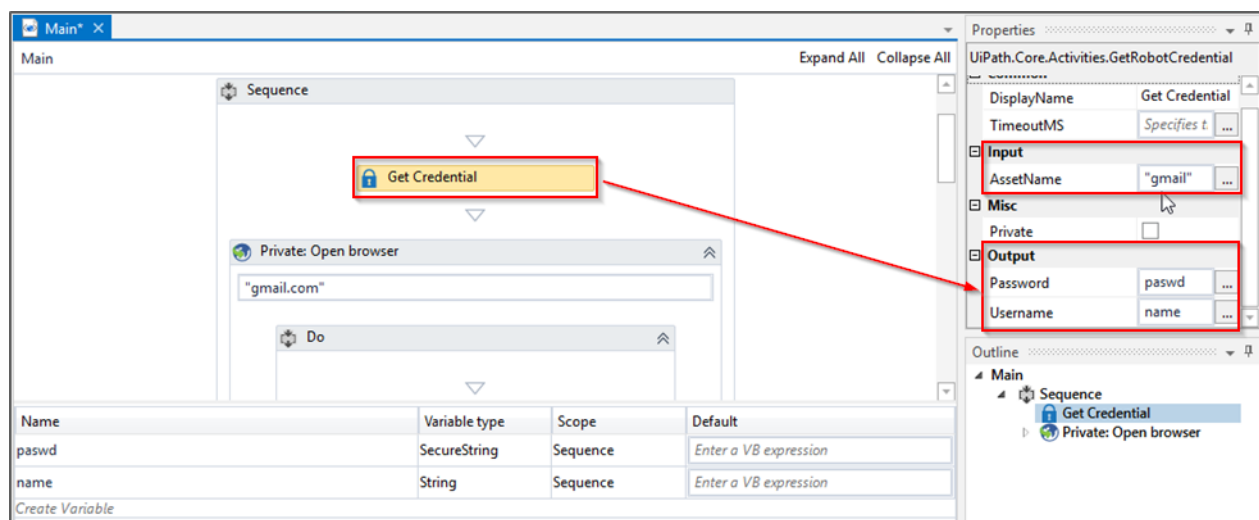
3. Give your mail credentials

SINGLE VALUE	VALUE PER ROBOT
<div>Asset name *</div> <div>gmail</div>	<div>Type</div> <div>Credential</div>
<div>Username *</div> <div></div>	<div>Password *</div> <div></div>
	<div>CANCEL</div> <div>ADD</div>

- **Step 3:** After adding the Assets we need to define our **Assets Name** in the project

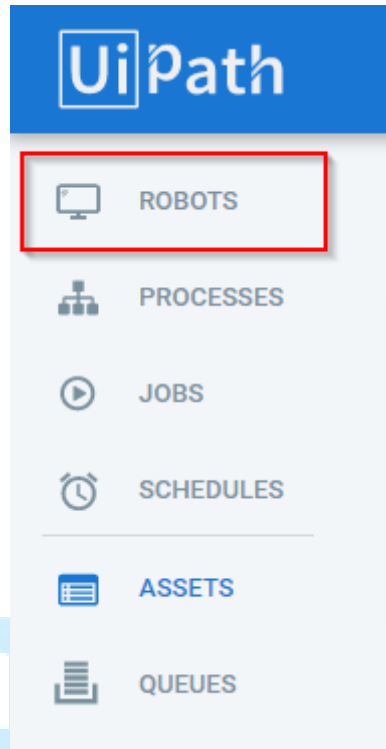


1. You need to add the **output variables** also

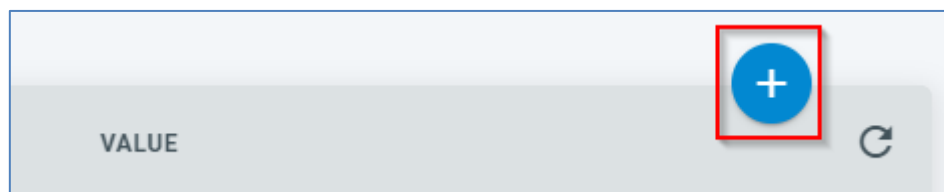


➤ **Step 4:** Back to your Orchestrator CE, create a robot.

1. Select Robots Tab, after clicking it, the Robot Dashboard will open



2. Click on the “+” button to add a Robot



➤ **Step 5:** Fill the following details:

1. Robot's **Key** is a unique key which is used to connect UiPath Orchestrator with your machine's Robot
2. Enter your **Machine's Name**
3. Enter a **Name** for the Bot
4. Enter the **User Name** and **password** of your machine
5. Select the Non-Production type
6. Click on **Provision**

**Provision Robot**

Key \*  
3e4054aa-48bf-4e25-97ac-0e16de119e33

Machine \*

Name \*

Domain\Username \*

Password

Type  
NonProduction

CANCEL PROVISION

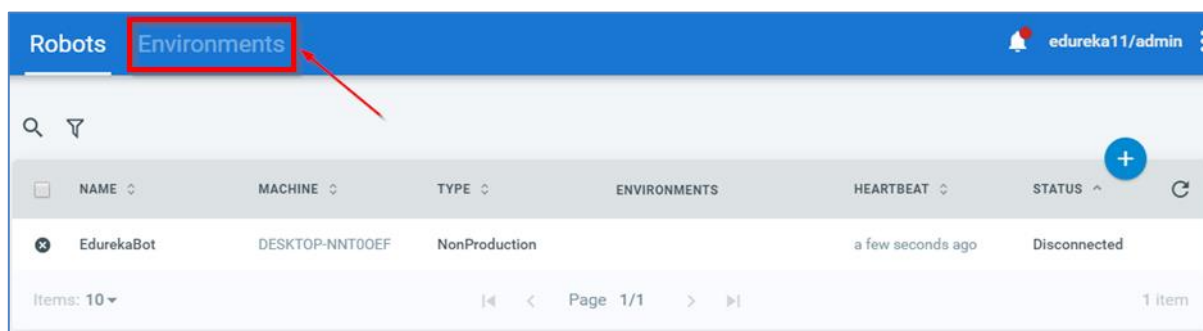
2. You will see your recently created Robot in the Robot dashboard

<input type="checkbox"/>	NAME	MACHINE	TYPE	ENVIRONMENTS	HEARTBEAT	STATUS
<input checked="" type="checkbox"/>	EdurekaBot	DESKTOP-NNT00EF	NonProduction	edureka	a few seconds ago	Available

Items: 10 ▾

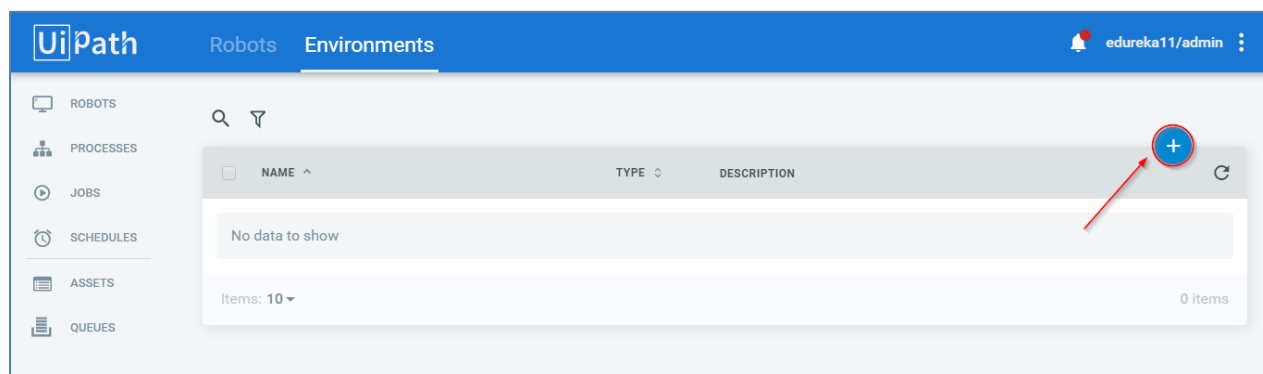
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3. Now, you must create an environment where your robot will be added. Click on **Environments**, to get started



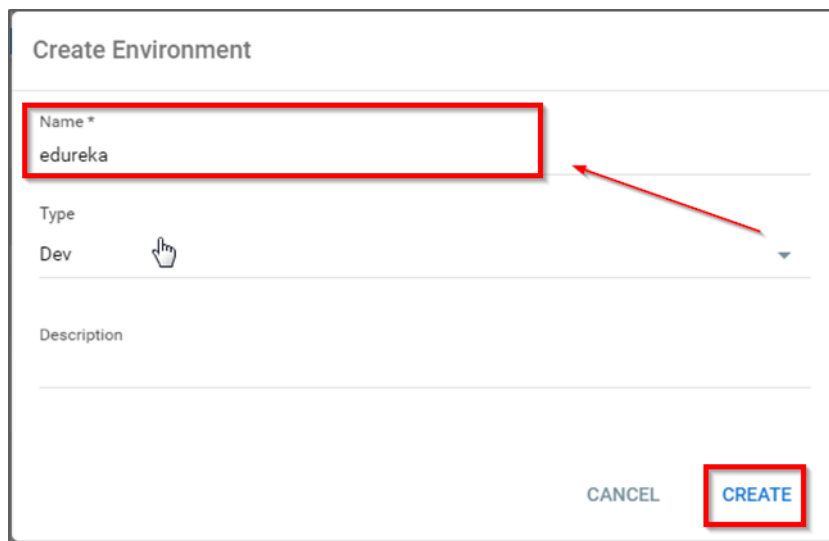
# edureka!

- **Step 6:** Click on the Add icon





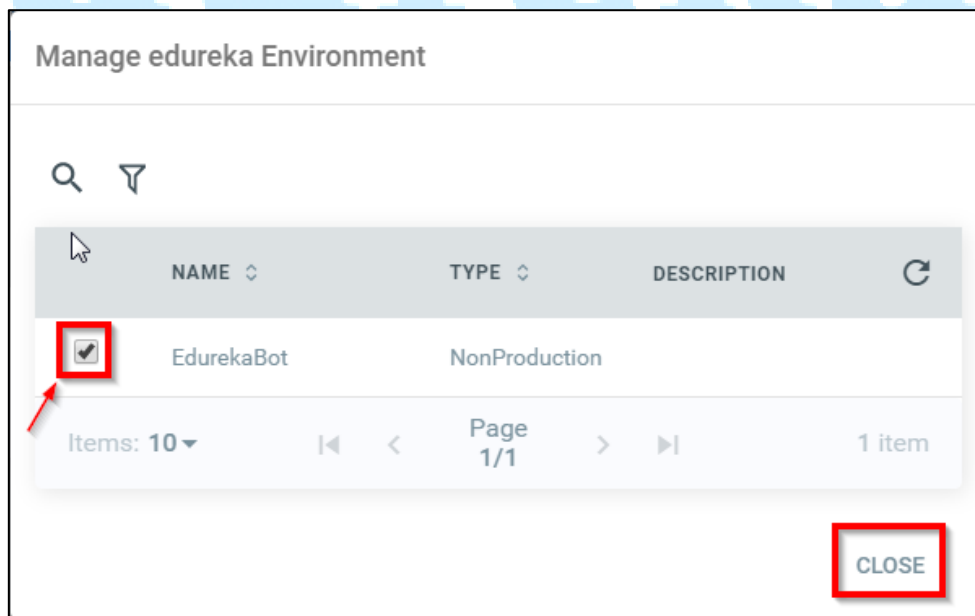
1. Enter a **name** for your environment, finally click on **create**



The 'Create Environment' form contains the following fields and controls:

- Name \***: A text input field containing 'edureka', highlighted with a red box. A red arrow points to this field from the right.
- Type**: A dropdown menu with 'Dev' selected, indicated by a hand cursor icon.
- Description**: An empty text area.
- Buttons**: 'CANCEL' and 'CREATE' buttons at the bottom right. The 'CREATE' button is highlighted with a red box.

2. After clicking on **create**, this screen will appear, simply check the robot which you just created, and click on **Close**



The 'Manage edureka Environment' screen displays a table with the following data:

	NAME	TYPE	DESCRIPTION
<input checked="" type="checkbox"/>	EdurekaBot	NonProduction	

Below the table, the status 'Items: 10' is shown, along with pagination controls indicating 'Page 1/1' and '1 item'. A red arrow points to the checked checkbox in the first row. The 'CLOSE' button at the bottom right is highlighted with a red box.

3. You will see your Robot has been added in the newly created environment in the Robot dashboard

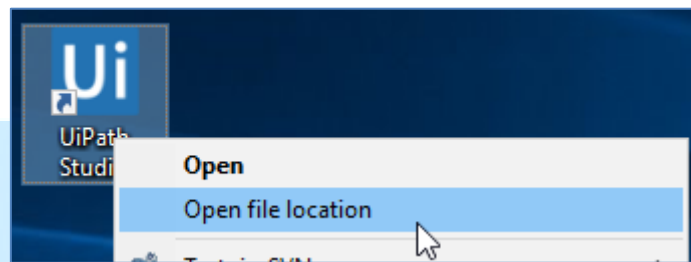
<input type="checkbox"/>	NAME ▾	MACHINE ▾	TYPE ▾	ENVIRONMENTS	HEARTBEAT ▾	STATUS ▴
<input checked="" type="checkbox"/>	EdurekaBot	DESKTOP-NTT00EF	NonProduction	edureka	a few seconds ago	Available

Items: 10 ▾

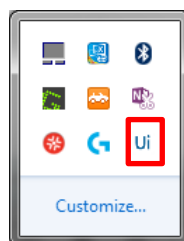
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➤ **Step 7:** In Configuring the robot on our machine.

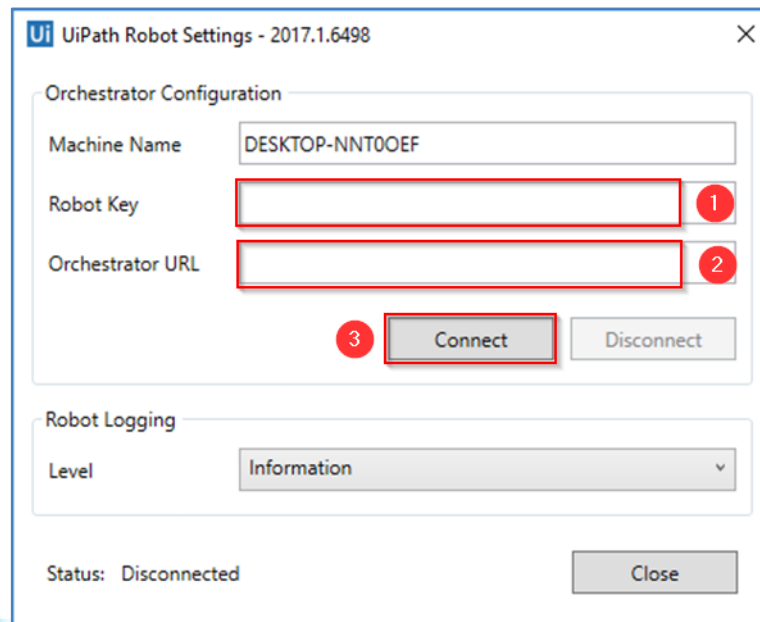
1. Navigate to the folder where your UiPath is installed, by right clicking on the desktop UiPath icon and select Open File Location



2. Navigate to the latest version of the UiPath app folder **e.g. app-17.1.6498** folder and click on **UiRobot** application file
3. You will see the UiPath Robot logo in the taskbar



4. Click on the UiPath Robot icon and navigate to its **settings**, you will see the following screen where you will enter your Robots credentials
  1. Paste your **Robots Unique Key** here
  2. Paste the Orchestrator URL here: **<https://platform.uipath.com>**
  3. Click **Connect**



The image shows the 'UiPath Robot Settings' dialog box. It has a title bar with the UiPath logo and the text 'UiPath Robot Settings - 2017.1.6498'. The dialog is divided into two main sections: 'Orchestrator Configuration' and 'Robot Logging'. In the 'Orchestrator Configuration' section, there are three input fields: 'Machine Name' (containing 'DESKTOP-NNT00EF'), 'Robot Key' (empty), and 'Orchestrator URL' (empty). Red boxes and numbers 1, 2, and 3 are overlaid on the 'Robot Key', 'Orchestrator URL', and 'Connect' button respectively. Below these fields are 'Connect' and 'Disconnect' buttons. The 'Robot Logging' section has a 'Level' dropdown menu set to 'Information'. At the bottom, there is a 'Status' label showing 'Disconnected' and a 'Close' button.

UiPath Robot Settings - 2017.1.6498

Orchestrator Configuration

Machine Name: DESKTOP-NNT00EF

Robot Key: [Red box with 1]

Orchestrator URL: [Red box with 2]

[Red box with 3] Connect Disconnect

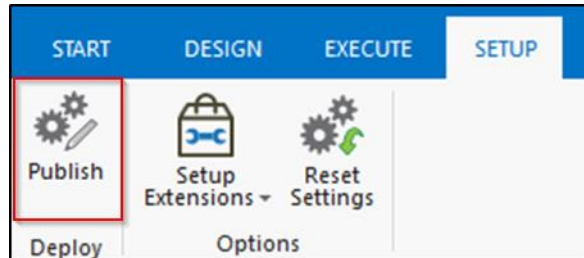
Robot Logging

Level: Information

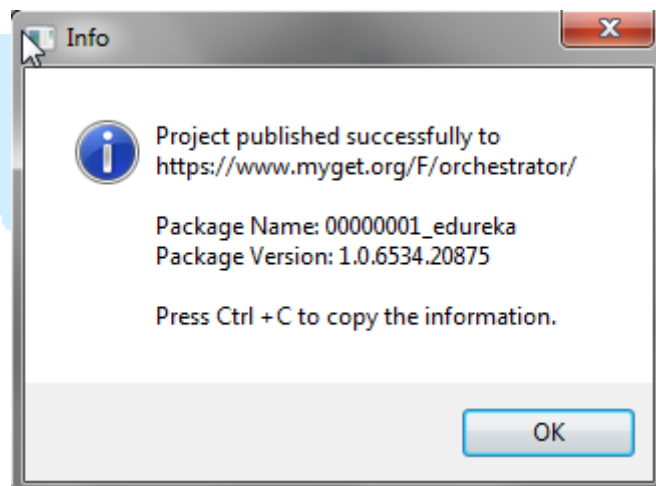
Status: Disconnected Close

- **Step 8:** Now, if we want to run a process through orchestrator in remote machines, we must publish the process project to the orchestrator

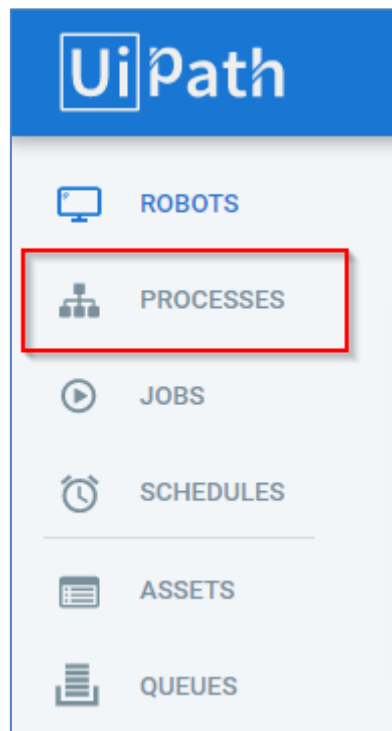
1. Once your Robot is connected to the Orchestrator, click on **Publish**



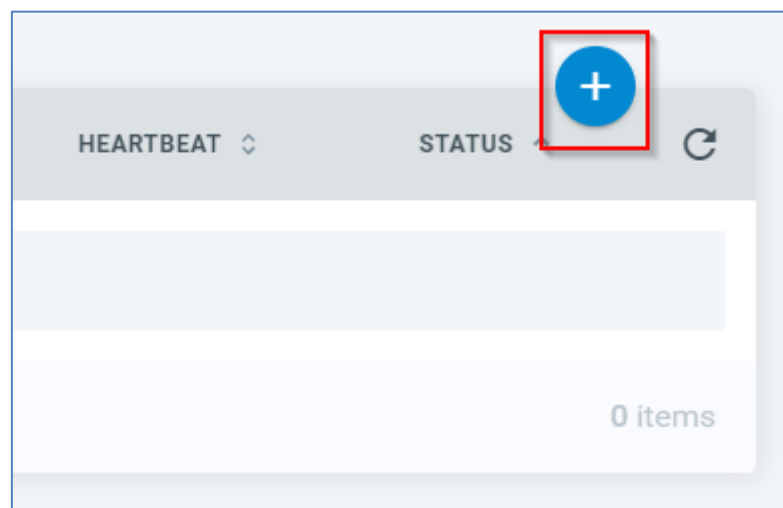
2. This will publish your project into the default repository of Orchestrator Community Edition as a package



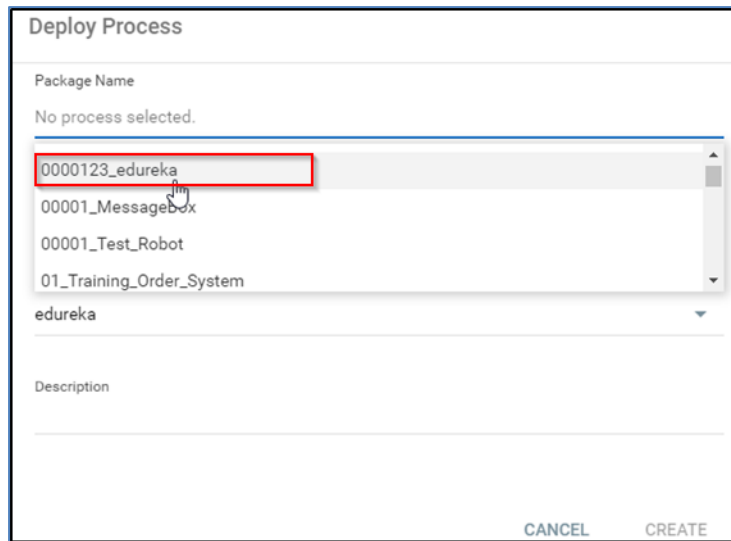
- **Step 9:** Navigate back to your Orchestrator CE Web portal and click on **Processes**



1. Click the **add** button Add button to deploy a process using the package, a window will open



2. Click on the drop down icon to select our package name (project name)



Deploy Process

Package Name

No process selected.

0000123\_edureka  
00001\_MessageBox  
00001\_Test\_Robot  
01\_Training\_Order\_System

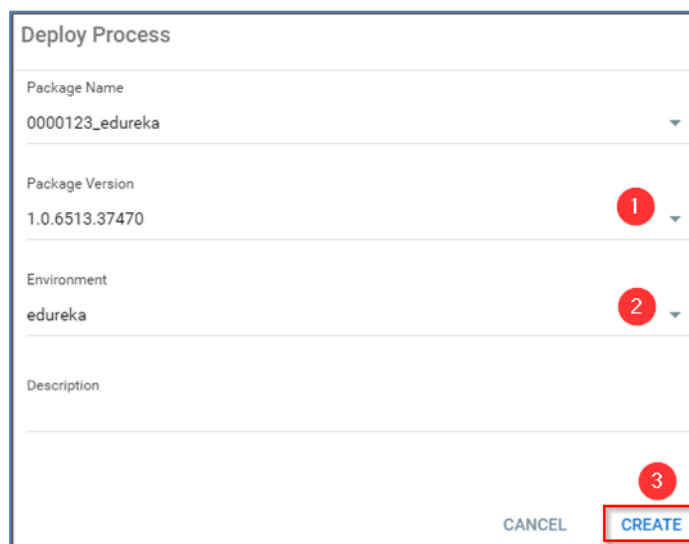
edureka

Description

CANCEL CREATE

3. Configuring a process

1. Select the **package version**
2. Select the **environment** on which we want our project to be deployed
3. Click **Create** to deploy the Process



Deploy Process

Package Name

0000123\_edureka

Package Version

1.0.6513.37470

Environment

edureka

Description

CANCEL CREATE

- **Step 10:** Go to the **Jobs** page, click on **Add** button to select the process to be executed. Once you select the process, you will see the list of robots available in the environment, choose the robot(s) which execute the job. Click on **Start** to start execution

**Start Job**

Process  
0000123\_edureka\_edureka

1 row selected

<input checked="" type="checkbox"/>	ROBOT	MACHINE	STATUS
<input checked="" type="checkbox"/>	EdurekaBot	DESKTOP-NNT00EF	Available

Items: 10 Page 1/1 1 item

CANCEL START

- We will see the **State** as “Successful” once our project/package will run successfully

State: All Interval: Last day

PROCESS	ROBOT	ENVIRONMENT	STATE	STARTED	ENDED	SOURCE
0000123_edureka	EdurekaBot	edureka	Successful	3 minutes ago	3 minutes ago	Manual

Items: 10 Page 1/1 1 item