

Deploying artifacts to Talend Cloud

Overview

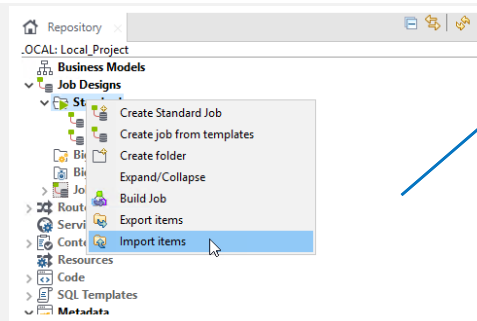
In this lesson you learned how to deploy microservices, Routes, and pipelines to Talend Management Console. You imported a microservice and a Route to Talend Studio, and you configured the build type to deploy them to Talend Cloud. Then, you created a pipeline in Talend Pipeline Designer and deployed it to Talend Management Console.

Key steps

1

Import the microservice to Talend Studio:

- In **Job Designs**, right-click **Standard**.
- Select **Import items**.
- Choose the Job to import



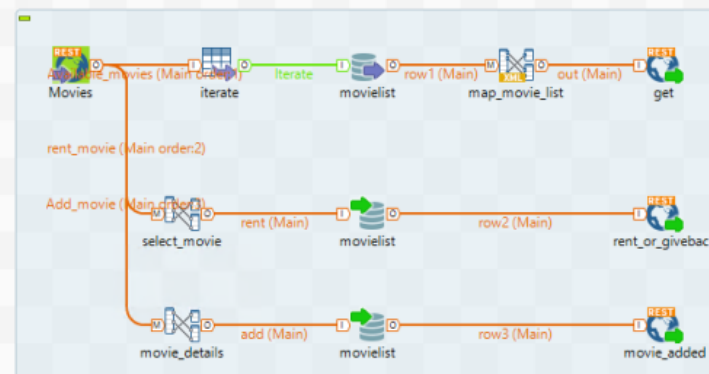
Tips

To import a Route, right-click **Routes** and then select **Import items**.

2

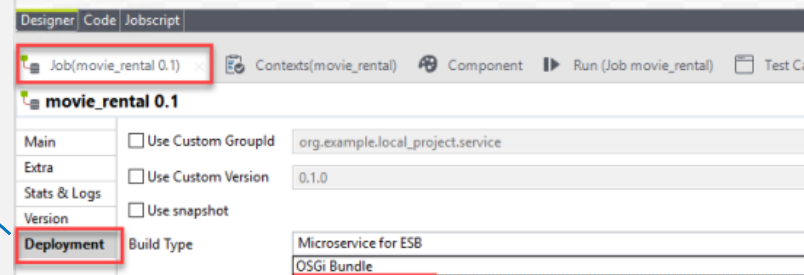
Configure the Build Type:

- Navigate to the Job view.
- On the Deployment tab, select **Microservice for ESB** as the **Build Type**.



Tips

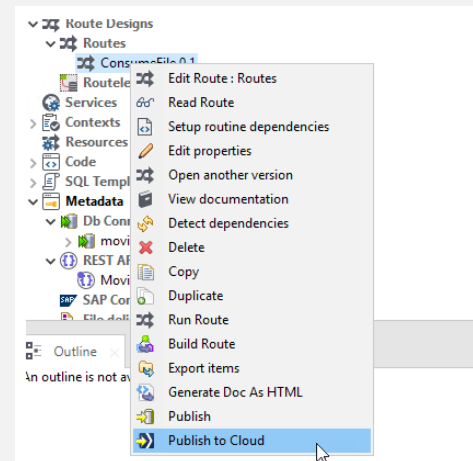
For a Route, select **RouteMicroservice**.



3

Publish to Talend Cloud:

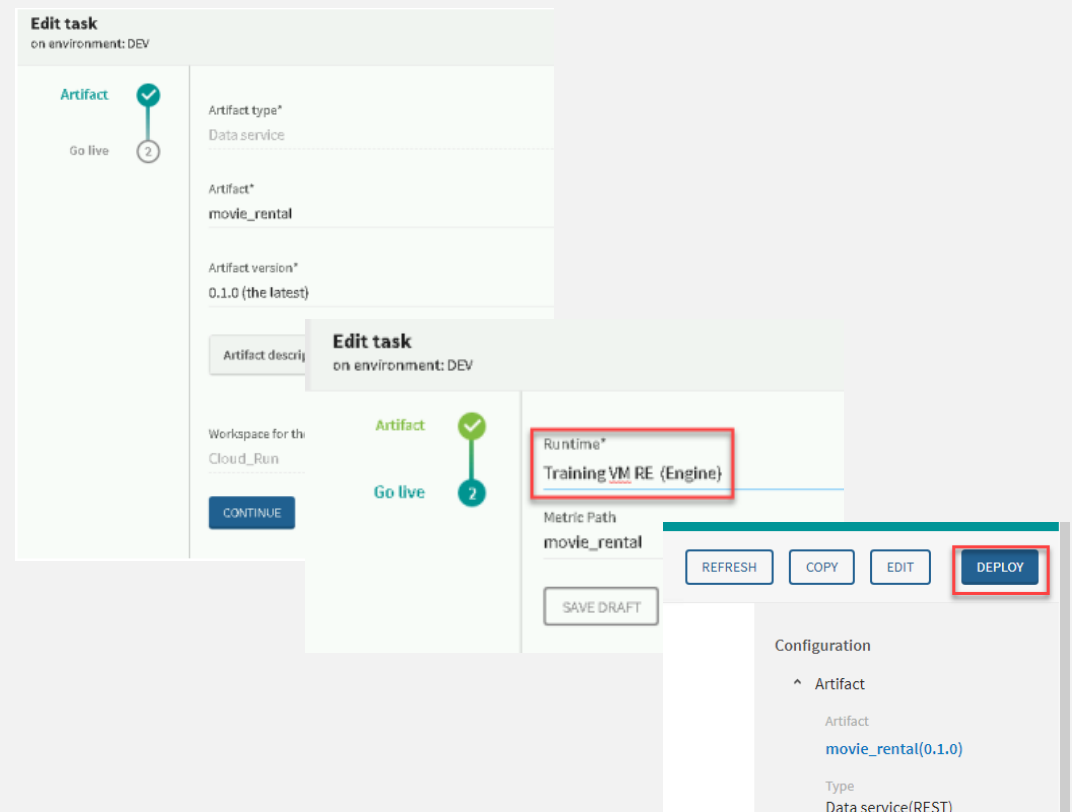
- Right-click the Job or the Route.
- Select **Publish to Cloud**.



4

Configure and deploy the task:

- Open the task, click **Edit**, and click **Continue**.
- Select the **Remote Engine**.
- Click **Save Draft**.
- Click **Deploy**.



Tips

Configuring a Remote Engine to run a data service

Add Remote Engine
Remote Engines run data integration processes which use on-premise applications and databases

Environment*
DEV

Workspace
Cloud_Run
By default, engines can be used in all the workspaces of the environment. Use the drop-down list to allocate the engine to a single workspace.

Name*
Training VM RE

Run profile type

☒ Job
☒ Microservice
☐ Talend Runtime (OSGI)

Data Service Runner/Talend Runtime version
☒ 7.3.1 (the latest)
☐ 7.2.1
☐ 7.1.1

Description
training remote engine

SAVE

Edit the Remote Engine to display the engine details. To run data services and Route microservices, select the Microservice check box on the **Run profile type** section.

Always select the latest version of the Runner/Runtime.

Deploy pipelines to Talend Management Console

← →

Publish new artifact

Previous version
N/A

Next version
0.0.1

CANCEL PUBLISH

After you create a pipeline in Talend Pipeline Designer, you can publish it to Talend Management Console by clicking **Publish a new artifact**.

In Talend Management Console, click the pipeline name, click **Add task**, and configure the task. For the runtime, select **Cloud Engine for Design**.

Click **Go Live** to deploy the task.