Talend Open Studio Basics

Last updated by | Archana Balachandran | May 27, 2020 at 5:20 PM EDT

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Getting Started

Software Requirement

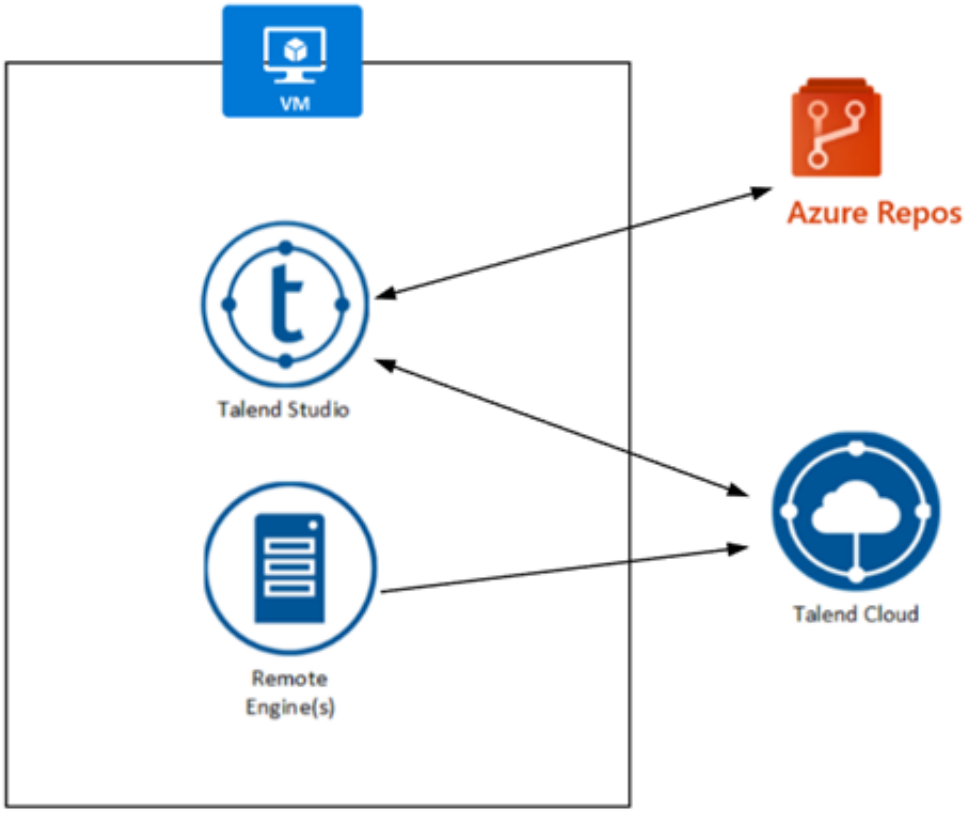
1. Talend Studio installed in Windows Server Virtual Machine (min 16 GB RAM recommended)
2. Remote Engines installed on Windows Server Virtual Machine
3. VPN Client to connect to Coverys network
4. SQL Server Management Studio to access Coverys SQL Server data sources

Access Requirement

1. Access to Coverys Network (VPN access)
2. Access to windows virtual server azure-edw-dev.pmg.local with access to shared F:/
3. Access to Azure DevOps (Wiki, Boards, Repos, Pipelines, Test Plans)
4. Access to Talend Cloud Management Console
5. Access to Azure Storage Account 'covuseedwdevsa'

Talend Open Studio

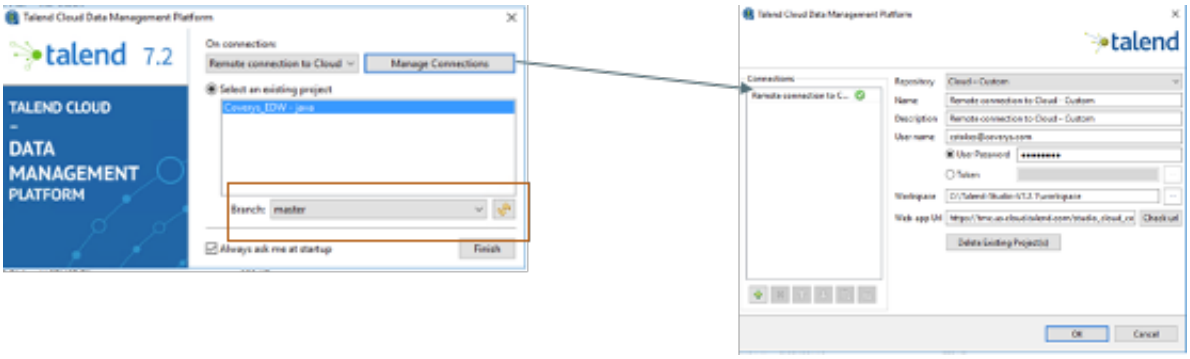
Overview



- Talend Studio is installed on a Virtual Machine (Windows Server) within the Coverys network.
- We use Talend Studio for all Development activities, and it is connected to Azure Repos for maintaining the code repository and for collaboration.
- Once jobs are developed in Talend Studio, we publish to Talend Cloud for execution.
- Jobs are run in Talend Cloud with the help of Remote Engines, which is an execution server.
- Remote Engines are deployed in the same VM hosting Talend studio.

Talend Open Studio

Opening Talend – Select branch and verify connection

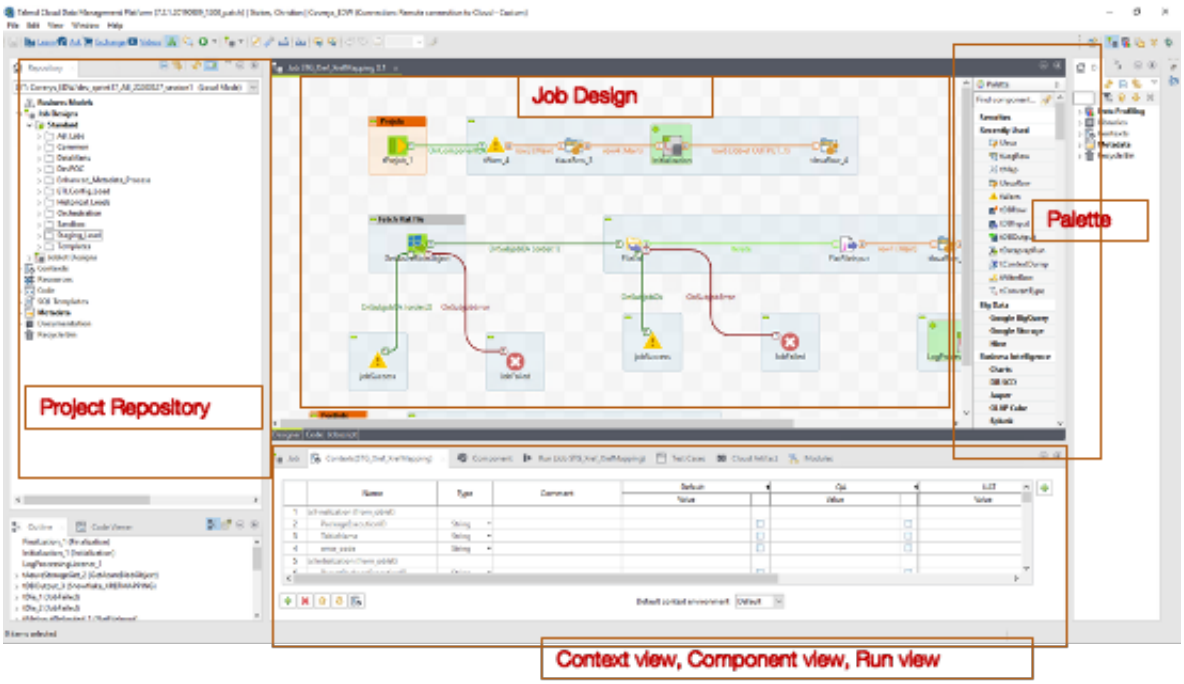


- The Talend startup screen shown above allows you to select the correct connection to Talend project, along with branch selection.

- Remember: When a password change occurs, update the connection settings in both the 'Startup > Manage Connections' window and within Studio(Window> Preferences > Talend Cloud)

Studio Features

Repository window, Job Design, Context, Component, Run, Palette



- The **Project Repository** lists all project items such as Jobs (java ETL programs), metadata, and project documentation.
- The **Job Designer** is the main view of the studio in which components are used to create ETL jobs.
- The **Palette** lists all available components, organized in folders based on subject area/technology.
- The **Context** tab lists all the context groups, context variables and contexts (environments) required for the job.
- The **Component** tab displays all parameters to configure a component. Note that the information displayed in this area depends on what is selected in the Job Designer.
- The **Run** View triggers the execution of a Talend Job and displays its results in the console window. The Context (or environment) in which a job is executed can be configured in this tab.