**Talend Studio Installation**

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| **document author:** | Abhilash Nagilla |
| **document owner:** | Kamal Biag |
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# Introduction

The purpose of this document is to entail steps on installing Talend BD studio in Royal Caribbean environment. The document provides series of screenshots to walk through the installation process and various services and should be used as an additional document along with the Installation guide that can be downloaded from the Talend website. This document is not an operational guide or a maintenance document since those topics are not included in this document.

Talend Studio consists of a server component (TAC, Nexus, SVN, Job Server) and a client component (Talend Studio). Talend provides separate installers as well as a single exe file to install the server components and clients.

# Reference Documents

The following are the reference documentation for the Talend 6.4.1 Installation:

# Talend 6.4.1 Install

## Prerequisites

### Minimum System Requirements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Component | Processor | RAM | Disk Space | Operating System |
| Talend Administration Center | 2 CPU | 4 GB | 800 MB |  |
| Studio | 2 CPU | 3 GB | 4 GB |  |
| Remote Engine | 1 CPU | 2 GB | 4 GB |  |

### Minimum Temporary Disk Space Requirements

|  |  |  |
| --- | --- | --- |
| Product | Operating System | Disk Space |
| Installer | Windows or UNIX | 1 GB |
|  | Windows | 2 GB |
| Unix | 605 MB |

### Third-party Software

* Install Oracle Java JDK(check PAM for supported java versions) for 6.4.1 Java 8 is supported.
* 7-Zip or winzip

Environmental Variables

|  |  |  |
| --- | --- | --- |
| Variable | Operating System | Description |
| JAVA\_HOME |  | Set JAVA\_HOME |
|  |  |  |

# Talend Studio Install

## Download Instructions

|  |  |
| --- | --- |
|  | * Request your account manager to send you the license keys and download links, you will receive a email similar to the screenshot |

## Add Developer SVN credentials

|  |  |
| --- | --- |
|  | * Every developer must enter GIT credentials in TAC under user settings * Login to tac with the developer credentials and enter the GIT credentials under user settings tab * The administrator can grant the developers access to GIT repository |

## Installing Talend Studio and executing Jobs

There are 2 ways to install studio, you could run the windows installer on the machine and chose to install studio but this requires sharing the license key with every developer.

The second option is using the zip file downloaded from the software link

|  |  |
| --- | --- |
|  | * Unzip Talend-Studio |
|  | * Double click on Talend-Studio-win-x86\_64.exe (if you are working on windows) |
|  | * Studio will ask you to input valid license * Fill up your TAC login details * Hit “Fetch” to get the license from TAC |
|  | * Click on the manage connection * Click on the green + symbol to add a connection * Choose the repository as remote * Name = a logical name * Description to the connection * Enter username, this will be the developer username * Enter password * Choose a workspace * Enter the TAC url * Click on check url to make sure the TAC url entered is correct |
|  | * You will see a list of projects that are created inside TAC * Choose the project that you are working * Click Finish |
|  | * Once studio is started, it will ask you for the installation of additional packages, installing only “Required third-party libraries” will be sufficient for initial development. |
|  | * Develop a “Hello World!” Job |

|  |  |
| --- | --- |
|  | * Add a remote Job server * Run it on remote JS |
|  | * Publish to nexus * Execute from TAC * Tested it by deploying to both 6.1.1 and 6.4.1 job servers and it worked as expected |
|  | * Another test to pull job from version control, generate using command line, deploy to job server and execute |