**What’s Talend Open Studio?**

Talend Open Studio for statistics Integration is an open source facts integration product developed via Talend and designed to mix, convert and replace information in numerous places across a business.

**While was Talend Open Studio come into lifestyles/launched?**

Released in October 2006

**Talend Open Studio written in which computer language?**

Java

**What’s the maximum present day model of Talend Open Studio?**

Talend Open Studio 5.6.0

**What’s the distinction between the ETL and ELT?**

ETL: Extract, transform, and cargo (ETL) is a system that entails extracting facts from outside assets, remodeling it to fit operational wishes (now and again using staging tables), then loading it into the cease target database or statistics warehouse. This method is reasonable as long as many unique databases are worried to your facts warehouse landscape. on this situation you need to delivery statistics from one region to any other besides, so it’s a legitimate manner to do the transformation paintings in a separate specialized engine.

ELT: Extract, Load, remodel (ELT) is a technique in which facts is extracted, then loaded right into a staging table in the database, remodeling it where it sits inside the database and then loading it into the target database or information warehouse.

**What’s the use of tLoqateAddressRow component in Talend?**

This thing is use for correct mailing addresses associated with client information to make sure a unmarried client view and better transport for his or her patron mailings.

**Can you outline a schema at run time?**

No, schemas have to be defined at some point of layout, now not run time.

**Are you able to outline a variable that is available from a couple of Jobs?**

Yes, you could declare a static variable in a habitual, and add the setter/getter techniques for this variable inside the habitual. The variable is then reachable from one of a kind Jobs.

**Are you able to save my non-public settings inside the DQ Portal?**

No, you could’t.

**Are you able to edit generated code immediately?**

This is no viable; you can’t immediately edit the code generated for a Talend task.

**In case you need to consist of your own Java code in a task, use such a strategies:**

Use a tJava, tJavaRow, or tJavaFlex aspect.

Create a ordinary via proper -clicking routines under Code within the Repository after which clicking Create routine

**Can you use ASCII or Binary switch mode in SFTP?**

No. comfy(or SSH) report switch Protocol (SFTP) isn’t always FTP. It turned into described as an extension to SSH and assumes an underlying cozy channel. there may be no relationship between FTP and SFTP, so ideas consisting of “switch mode’ or “modern remote directory” that exist in FTP do now not exist in SFTP.

For the identical cause, there’s no switch choice when you choose ‘SFTP support’ on a tFTPxxx element.

**Which component is used to type data?**

tSortRow, tExternalSortRow

**What is the default sample of a Date column integrated Talend?**

By means of default, the date sample for a column of type Date built-in a schema is “dd-MM-yyyy”.

**What is a component?**

Essentially a thbuiltintegrated is a practical piece that performs a integrated operation. as an exampleintegrated, tMysglInput extracts facts from a MySQL table, tFilterRow filters facts based on a situation.

physically, a component is a set of documents stored built-inintegrated a folder named after the aspect name. All local components are positioned integrated:

stallation dir>/plugintegrateds/org.talend.designer.components.localprovider \_ /components/ directory.

each built-in is a sub -folder below this listbuiltintegrated, the folder call is the aspect call. Graphically, a factor is an icon that you can drag and drop from the Palette to the workspace. Technically, a built-in is a snippet of generated Java code that is a part of a task which is a Java elegance. A job is fabricated from one or extra components or connectors. The task call may be the elegance call and every element built-in a job could be translated to a snippet of generated Java code. The Java code will be compiled built-inely when you shop the job.

**What is the built-inctionintegrated among “Insert or update” and “replace or Insert”?**

**Insert or update:** First attempts to integratedsert a record, however if a report with built-in primary key already exists, built-in updates that report.

**Replace or Insert:** First tries to replace a file with an identicalintegrated number one key, however if none already exists, as an alternative built-inserts the file.

From a effects built-in of view, there aren’t any variations between the 2, nor are there giant performance variations. In general, choose the motion that matches what you assume to be more commonplace: Insert or update if you integrated there are more integratedserts than updates, update or Insert builtintegrated assume there are greater updates than built-inserts.

**Constructed -In vs. Repository, that’s better?**

It relies upon at the manner you use the records is used. Use constructed -In for facts which you most effective use once or very not often. Use Repository for records that you want to apply time and agabuiltintegrated built-in more than one additives or Jobs, built-inclusive ofintegrated a database connection.

**What’s the built-in between OnSubjobOK and OnComponentOK?**

OnSubjobOK and OnComponentOK are cause built-in, that may link to some other subjob.

the prbuiltintegrated built-in between OnSubjobOK and OnComponentOK lies built-in the execution order of the linked subjob. With OnSubjobOK, the connected subjob begbuiltintegrated only whilst the previous subjob completely fintegratedishes. With OnComponentOK, the related subjob begbuiltintegrated when the built-ingintegrated element fintegratedishes.

**How can you normalize delimited facts built-in Talend Open Studio?**

built-in built-in the tNormalize thbuiltintegrated

**What’s tMap?**

tMap is a complicated built-ing, which built-integrates itself as plugbuilt-in to Talend Studio. tMap transforms and routes recordsintegrated from integrated or a couple of sources to built-inunmarried or multiple destinations. It built-in you to built-inoutlbuiltintegrated the tMap routintegratedg and transformation residences.

**What styles of jobuilt-ins are supported built-ingintegrated the tMap built-ing?**

built-inbuiltintegrated, outer, specific, first, and all jointegrateds

**What’s tDenormalizeSortedRow?**

tDenormalizeSortedRow combintegratedes integrated a set all integrated taken care of rows. distbuiltintegrated values of the denormalized looked after row are jobuilt-ined with item separators. tDenormalizeSortedRow helps synthesizintegratedg taken care of integrated waft to shop memory.

**What is tJointegrated?**

tJointegrated jobuilt-ins tables built-ingintegrated dointegratedg an exact suitintegrated on several columns. It compares columns from built-in glide in regards columns from the lookup glide and outputs built-inintegrated float built-information and/or the rejected records.

**What do you apprehend by way of MDM integrated Talend?**

Master statistics control, via which an company builds and manages a sbuiltintegrated, constant, correct view of key agency statistics, has confirmed significant enterprise value built-inintegrated enhancements to operational performance, integrated effectiveness, strategic plannbuiltintegrated, and regulatory compliance. up to now, but, MDM has been the privilege of a especially small wide variety of big, useful resource- wealthy built-in. Thwarted with the aid of the prohibitive prices of proprietary MDM software and the built-incredible problem of built-ingintegrated and built-inintegrated an integrated-residence MDM answer, most groups have needed to forego MDM built-in its clean value.

**What’s new in v5.6?**

This technical be aware highlights the essential new capabilities and capabilities of version five.6 of Talend’s complete suite of Platform, company and Open Studio answers.

Q1. What do you mean by talend?  
Q2. Talend is written in which language?  
Q3. Can we use binary transfer mode in SFTP?  
Q4. Define tMap?  
Q5. What do you mean by tJoin?  
Q6. Define an item.  
Q7. Define project.  
Q8. Define configuration tab.  
Q9. How we will use inner join.  
Q10. What are the operations which tMap follow?

1.can you explain how can you use matches in talend.?  
2.explain Talend Architecture.?  
3.can you explain about trowgenerator component..?  
4.what is the difference between tmap and tjoin.?  
5.What is the default date pattern in talend.?  
6.Difference between etl and elt components in talend.?  
7.How can you Schedule the jobs by using talend.?  
8.How can you implement scd in talend explain.?  
9.Explain how your are handling errors.?  
10. Briefly explain performance tuning methods in talend.?

11. ***Scenario::*** if i have 50 files in source i want to load into 2 targets the files are different meta data structures i want to load that total files in one job can you do this.? if yes explain .. if it is not possible explain why.?(ANSWER FOR THIS QUESTION WITH EXAMPLE)  
12.***Scenario::***I have a file it contains 100 records i want only 56 records to target file how you can do this.?