

Our approach is to create Talend jobs automatically and then run these jobs using command line what we are doing is the following:

1. Create the Job Scripts dynamically using java and the inputs from the Database.
2. Run the below commands in order to create a dummy project, create a job under this project using the jobScript generated and then Build the job in order to run the jobs anytime it is needed, below is the code we are using to create the project, create job and build:
 - a. Talend-Studio-win32-x86.exe -nosplash -application org.talend.commandline.CommandLine -consoleLog -data commandline-workspace initLocal createProject -pn Applicant_List_Stg_Master -pd Talend -pl java -pa Talend
 - b. Talend-Studio-win32-x86.exe -nosplash -application org.talend.commandline.CommandLine -consoleLog -data commandline-workspace initLocal logonProject -pn Applicant_List_Stg_Master -ul Talend createJob Applicant_List_Stg_Master -sf "D:/SSP/ETL/MOFLEP/AE/Child/JS/Applicant_List_Stg_Master.JobScript" -o logoffProject
 - c. Talend-Studio-win32-x86.exe -nosplash -application org.talend.commandline.CommandLine -consoleLog -data commandline-workspace initLocal logonProject -pn Applicant_List_Stg_Master -ul Talend buildJob Applicant_List_Stg_Master -dd "C:/Users/cantoun/Desktop" -af "xxxxxx.zip"Commands a and b are running successfully and the project is being created, but when I try to build the job it gives an error, maybe I am doing something wrong not sure. Please find attached the error, Job Script and batch file containing the Talend commands.

Please find below the errors I am facing:

```
ERROR: Error during JetEmitter initializationException onHeader_routeJava
org.eclipse.emf.codegen.jet.JETException: Exception onHeader_routeJava
    at org.talend.designer.codegen.config.TalendJetEmitter$TalendEclipseHelp
er.initialize(TalendJetEmitter.java:390)
    at org.talend.designer.codegen.config.TalendJetEmitter.initialize(Talend
JetEmitter.java:151)
    at org.talend.designer.codegen.config.TalendJetEmitter.initialize(Talend
JetEmitter.java:140)
    at org.talend.designer.codegen.model.CodeGeneratorEmittersPoolFactory.sy
nchronizedComponent(CodeGeneratorEmittersPoolFactory.java:522)
    at org.talend.designer.codegen.model.CodeGeneratorEmittersPoolFactory.in
italizeEmittersPool(CodeGeneratorEmittersPoolFactory.java:485)
    at org.talend.designer.codegen.model.CodeGeneratorEmittersPoolFactory.ac
cess$6(CodeGeneratorEmittersPoolFactory.java:437)
    at org.talend.designer.codegen.model.CodeGeneratorEmittersPoolFactory$Jo
bRunnable.doRun(CodeGeneratorEmittersPoolFactory.java:193)
    at org.talend.designer.codegen.model.CodeGeneratorEmittersPoolFactory$Jo
bRunnable.run(CodeGeneratorEmittersPoolFactory.java:124)
Caused by: org.eclipse.emf.codegen.jet.JETException: The file 'platform:/plugin/
org.talend.designer.codegen_5.6.1.20141207_1530/resources/@{org.talend.designer.
camel.components.localprovider}/components/cCXF/cCXF_uri.javajet' cannot be read
in 'platform:/plugin/org.talend.designer.codegen_5.6.1.20141207_1530/resources/
header_route.javajet' at line 1,087 column 5
    at org.eclipse.emf.codegen.jet.JETCompiler.handleDirective(JETCompiler.j
ava:214)
    at org.talend.designer.codegen.config.TalendJETCompiler.handleDirective(
TalendJETCompiler.java:89)
    at org.eclipse.emf.codegen.jet.JETParser$DelegatingListener.handleDirect
ive(JETParser.java:133)
    at org.eclipse.emf.codegen.jet.JETParser$Directive.accept(JETParser.java
:444)
    at org.eclipse.emf.codegen.jet.JETParser.parse(JETParser.java:512)
    at org.eclipse.emf.codegen.jet.JETCompiler.parse(JETCompiler.java:632)
    at org.eclipse.emf.codegen.jet.JETCompiler.parse(JETCompiler.java:625)
    at org.talend.designer.codegen.config.TalendJetEmitter$TalendEclipseHelp
er.initialize(TalendJetEmitter.java:271)
... 7 more
```

Caused by: org.eclipse.emf.codegen.jet.JETException: /resources/@{org.talend.designer.camel.components.localprovider}/components/cXF/cXF_uri.javajet
at org.eclipse.emf.codegen.jet.JETCompiler.openStream(JETCompiler.java:759)
at org.eclipse.emf.codegen.jet.JETCompiler.handleDirective(JETCompiler.java:185)
... 14 more

Caused by: java.io.FileNotFoundException: /resources/@{org.talend.designer.camel.components.localprovider}/components/cXF/cXF_uri.javajet
at org.eclipse.osgi.framework.internal.protocol.bundleentry.Handler.findBundleEntry(Handler.java:44)
at org.eclipse.osgi.framework.internal.core.BundleResourceHandler.openConnection(BundleResourceHandler.java:175)
at java.net.URL.openConnection(Unknown Source)
at org.eclipse.core.internal.boot.PlatformURLConnection.connect(PlatformURLConnection.java:110)
at org.eclipse.core.internal.boot.PlatformURLConnection.connect(PlatformURLConnection.java:91)
at org.eclipse.core.internal.boot.PlatformURLConnection.getInputStream(PlatformURLConnection.java:229)
at java.net.URL.openStream(Unknown Source)
at org.eclipse.emf.codegen.jet.JETCompiler.openStream(JETCompiler.java:754)
... 15 more

!ENTRY org.talend.platform.logging 4 0 2015-02-11 09:33:01.646
!MESSAGE 2015-02-11 09:33:01,641 ERROR org.talend.designer.codegen.model.CodeGeneratorEmittersPoolFactory - Error during JetEmitter initializationException onHeader_routeJava

!STACK 0
org.eclipse.emf.codegen.jet.JETException: Exception onHeader_routeJava
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at org.talend.designer.codegen.config.TalendJetEmitter.initialize(TalendJetEmitter.java:151)
at org.talend.designer.codegen.config.TalendJetEmitter.initialize(TalendJetEmitter.java:140)
at org.talend.designer.codegen.model.CodeGeneratorEmittersPoolFactory.synchronizedComponent(CodeGeneratorEmittersPoolFactory.java:522)
at org.talend.designer.codegen.model.CodeGeneratorEmittersPoolFactory.initializeEmittersPool(CodeGeneratorEmittersPoolFactory.java:485)
at org.talend.designer.codegen.model.CodeGeneratorEmittersPoolFactory.access\$6(CodeGeneratorEmittersPoolFactory.java:437)
at org.talend.designer.codegen.model.CodeGeneratorEmittersPoolFactory\$JobRunnable.doRun(CodeGeneratorEmittersPoolFactory.java:193)
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