

Hello

I have a issue a with talend V5.6RC and a connexion to a MySQL database:

Echec de la connexion Vous devez modifier les paramètres de la base de données.

java.lang.RuntimeException: com.mysql.jdbc.exceptions.jdbc4.CommunicationsException: Communications link failure

The last packet sent successfully to the server was 0 milliseconds ago. The driver has not received any packets from the server.

```
at org.talend.core.model.metadata.builder.database.JDBCDriverLoader.getConnection(JDBCDriverLoader.java:164)
at org.talend.core.model.metadata.builder.database.ExtractMetaDataUtils.connect(ExtractMetaDataUtils.java:1049)
at org.talend.core.model.metadata.builder.database.ExtractMetaDataFromDataBase.testConnection(ExtractMetaDataFromDataBase.java:301)
at org.talend.repository.ui.utils.ManagerConnection.check(ManagerConnection.java:261)
at org.talend.repository.ui.wizards.metadata.connection.database.DatabaseForm.checkConnection(DatabaseForm.java:2102)
at org.talend.repository.ui.wizards.metadata.connection.database.DatabaseForm.access$41(DatabaseForm.java:2027)
at org.talend.repository.ui.wizards.metadata.connection.database.DatabaseForm$24.widgetSelected(DatabaseForm.java:2356)
at org.eclipse.swt.widgets.TypedListener.handleEvent(TypedListener.java:234)
at org.eclipse.swt.widgets.EventTable.sendEvent(EventTable.java:84)
at org.eclipse.swt.widgets.Widget.sendEvent(Widget.java:1053)
at org.eclipse.swt.widgets.Display.runDeferredEvents(Display.java:4066)
at org.eclipse.swt.widgets.Display.readAndDispatch(Display.java:3657)
at org.eclipse.jface.window.Window.runEventLoop(Window.java:825)
at org.eclipse.jface.window.Window.open(Window.java:801)
at org.talend.repository.ui.actions.metadata.CreateConnectionAction.doRun(CreateConnectionAction.java:207)
at org.talend.repository.ui.actions.AContextualAction$2.run(AContextualAction.java:632)
at org.talend.repository.RepositoryWorkUnit.executeRun(RepositoryWorkUnit.java:93)
at org.talend.core.repository.model.AbstractRepositoryFactory.executeRepositoryWorkUnit(AbstractRepositoryFactory.java:237)
at org.talend.repository.localprovider.model.LocalRepositoryFactory.executeRepositoryWorkUnit(LocalRepositoryFactory.java:3204)
at org.talend.core.repository.model.ProxyRepositoryFactory.executeRepositoryWorkUnit(ProxyRepositoryFactory.java:1984)
at org.talend.repository.ui.actions.AContextualAction.run(AContextualAction.java:641)
at org.talend.repository.viewer.action.RepoDoubleClickAction.run(RepoDoubleClickAction.java:112)
at org.eclipse.ui.actions.RetargetAction.run(RetargetAction.java:221)
at org.eclipse.ui.navigator.CommonNavigatorManager$3.open(CommonNavigatorManager.java:185)
at org.eclipse.ui.OpenAndLinkWithEditorHelper$InternalListener.open(OpenAndLinkWithEditorHelper.java:48)
at org.eclipse.jface.viewers.StructuredViewer$2.run(StructuredViewer.java:845)
at org.eclipse.core.runtime.SafeRunner.run(SafeRunner.java:42)
at org.eclipse.ui.internal.JFaceUtil$1.run(JFaceUtil.java:49)
at org.eclipse.jface.util.SafeRunnable.run(SafeRunnable.java:175)
at org.eclipse.jface.viewers.StructuredViewer.fireOpen(StructuredViewer.java:843)
at org.eclipse.jface.viewers.StructuredViewer.handleOpen(StructuredViewer.java:1131)
at org.eclipse.ui.navigator.CommonViewer.handleOpen(CommonViewer.java:462)
at org.eclipse.jface.viewers.StructuredViewer$6.handleOpen(StructuredViewer.java:1235)
at org.eclipse.jface.util.OpenStrategy.fireOpenEvent(OpenStrategy.java:264)
at org.eclipse.jface.util.OpenStrategy.access$2(OpenStrategy.java:258)
at org.eclipse.jface.util.OpenStrategy$1.handleEvent(OpenStrategy.java:298)
at org.eclipse.swt.widgets.EventTable.sendEvent(EventTable.java:84)
at org.eclipse.swt.widgets.Widget.sendEvent(Widget.java:1053)
at org.eclipse.swt.widgets.Display.runDeferredEvents(Display.java:4066)
at org.eclipse.swt.widgets.Display.readAndDispatch(Display.java:3657)
at org.eclipse.ui.internal.Workbench.runEventLoop(Workbench.java:2640)
at org.eclipse.ui.internal.Workbench.runUI(Workbench.java:2604)
at org.eclipse.ui.internal.Workbench.access$4(Workbench.java:2438)
at org.eclipse.ui.internal.Workbench$7.run(Workbench.java:671)
at org.eclipse.core.databinding.observable.Realm.runWithDefault(Realm.java:332)
at org.eclipse.ui.internal.Workbench.createAndRunWorkbench(Workbench.java:664)
at org.eclipse.ui.PlatformUI.createAndRunWorkbench(PlatformUI.java:149)
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at org.talend.rcp.intro.Application.start(Application.java:167)
at org.eclipse.equinox.internal.app.EclipseAppHandle.run(EclipseAppHandle.java:196)
at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher.runApplication(EclipseAppLauncher.java:110)
at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher.start(EclipseAppLauncher.java:79)
at org.eclipse.core.runtime.adaptor.EclipseStarter.run(EclipseStarter.java:369)
at org.eclipse.core.runtime.adaptor.EclipseStarter.run(EclipseStarter.java:179)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(Unknown Source)
at java.lang.reflect.Method.invoke(Unknown Source)
at org.eclipse.equinox.launcher.Main.invokeFramework(Main.java:619)
at org.eclipse.equinox.launcher.Main.basicRun(Main.java:574)
at org.eclipse.equinox.launcher.Main.run(Main.java:1407)
Caused by: com.mysql.jdbc.exceptions.jdbc4.CommunicationsException: Communications link failure
```

The last packet sent successfully to the server was 0 milliseconds ago. The driver has not received any packets from the server.

```
at sun.reflect.NativeConstructorAccessorImpl.newInstance0(Native Method)
at sun.reflect.NativeConstructorAccessorImpl.newInstance(Unknown Source)
at sun.reflect.DelegatingConstructorAccessorImpl.newInstance(Unknown Source)
at java.lang.reflect.Constructor.newInstance(Unknown Source)
at com.mysql.jdbc.Util.handleNewInstance(Util.java:409)
at com.mysql.jdbc.SQLError.createCommunicationsException(SQLError.java:1127)
at com.mysql.jdbc.MysqlIO.<init>(MysqlIO.java:356)
at com.mysql.jdbc.ConnectionImpl.coreConnect(ConnectionImpl.java:2502)
at com.mysql.jdbc.ConnectionImpl.connectOneTryOnly(ConnectionImpl.java:2539)
at com.mysql.jdbc.ConnectionImpl.createNewIO(ConnectionImpl.java:2321)
at com.mysql.jdbc.ConnectionImpl.<init>(ConnectionImpl.java:832)
at com.mysql.jdbc.JDBC4Connection.<init>(JDBC4Connection.java:46)
at sun.reflect.NativeConstructorAccessorImpl.newInstance0(Native Method)
at sun.reflect.NativeConstructorAccessorImpl.newInstance(Unknown Source)
at sun.reflect.DelegatingConstructorAccessorImpl.newInstance(Unknown Source)
at java.lang.reflect.Constructor.newInstance(Unknown Source)
at com.mysql.jdbc.Util.handleNewInstance(Util.java:409)
at com.mysql.jdbc.ConnectionImpl.getInstance(ConnectionImpl.java:417)
at com.mysql.jdbc.NonRegisteringDriver.connect(NonRegisteringDriver.java:344)
at org.talend.core.model.metadata.builder.database.DriverShim.connect(DriverShim.java:41)
at org.talend.core.model.metadata.builder.database.JDBCDriverLoader.getConnection(JDBCDriverLoader.java:155)
... 59 more
```

Caused by: java.net.SocketException: Connection attempt exceeded defined timeout.

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at com.mysql.jdbc.StandardSocketFactory.resetLoginTimeCountdown(StandardSocketFactory.java:473)
at com.mysql.jdbc.StandardSocketFactory.connect(StandardSocketFactory.java:320)
at com.mysql.jdbc.MysqlIO.<init>(MysqlIO.java:306)
... 73 more
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I have tested the access to the database with phpmyadmin and it works

I have tested the connexion over 3 different network links.

How to analyse this issue??

Thanks

Didier