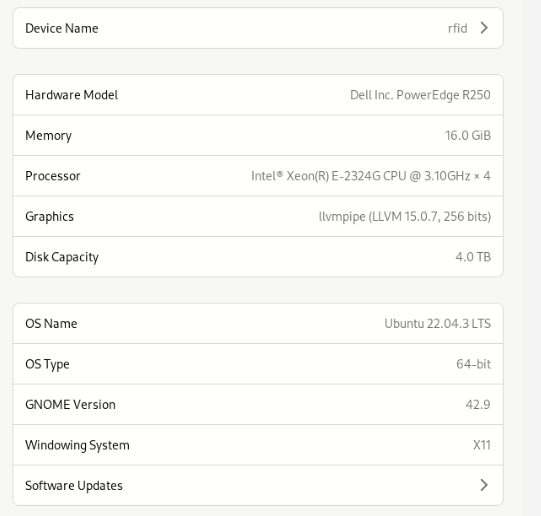
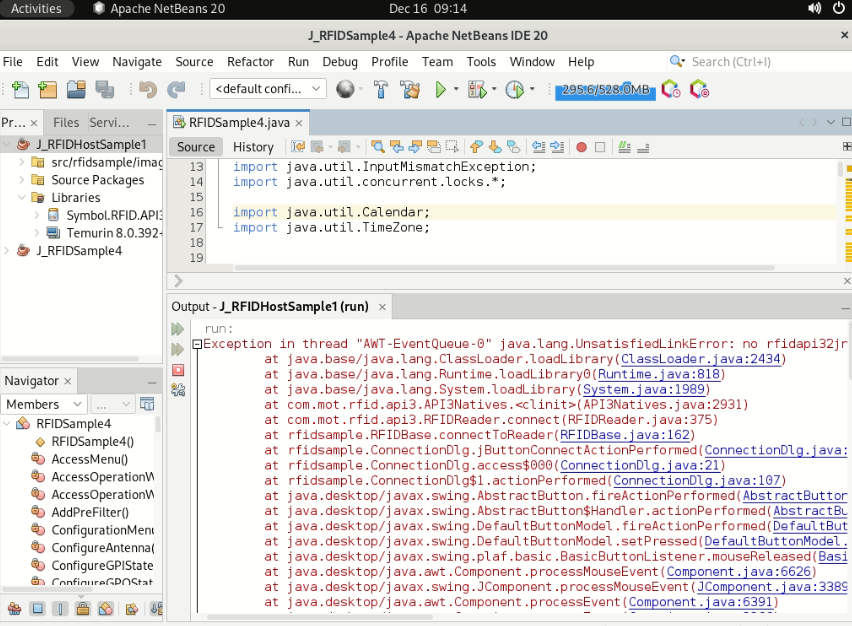
Zebra FXSeries Host Java SDK Symbol.RFID.API3.jar error

The SDK presents error when connecting to the RFID concentrator in Linux operating system, in an Ubuntu server with jdk 1.8.





ERROR:

in thread "AWT-EventQueue-0" java.lang.UnsatisfiedLinkError: no rfidapi32jni in java.library.path: /usr/java/packages/lib:/usr/lib/x86\_64-linux-gnu/jni:/lib/x86\_64-linux-gnu:/usr/lib/x86\_64-linux-gnu:/usr/lib/jni:/lib:/usr/lib

at java.base/java.lang.ClassLoader.loadLibrary(ClassLoader.java:2434)

at java.base/java.lang.Runtime.loadLibrary0(Runtime.java:818)

at java.base/java.lang.System.loadLibrary(System.java:1989)

at com.mot.rfid.api3.API3Natives.<clinit>(API3Natives.java:2931)

at com.mot.rfid.api3.RFIDReader.connect(RFIDReader.java:375)

at rfidsample.RFIDBase.connectToReader(RFIDBase.java:162)

at rfidsample.ConnectionDlg.jButtonConnectActionPerformed(ConnectionDlg.java:354)

at rfidsample.ConnectionDlg.access$000(ConnectionDlg.java:21)

at rfidsample.ConnectionDlg$1.actionPerformed(ConnectionDlg.java:107)

at java.desktop/javax.swing.AbstractButton.fireActionPerformed(AbstractButton.java:1972)

at java.desktop/javax.swing.AbstractButton$Handler.actionPerformed(AbstractButton.java:2313)

at java.desktop/javax.swing.DefaultButtonModel.fireActionPerformed(DefaultButtonModel.java:405)

at java.desktop/javax.swing.DefaultButtonModel.setPressed(DefaultButtonModel.java:262)

at java.desktop/javax.swing.plaf.basic.BasicButtonListener.mouseReleased(BasicButtonListener.java:279)

at java.desktop/java.awt.Component.processMouseEvent(Component.java:6626)

at java.desktop/javax.swing.JComponent.processMouseEvent(JComponent.java:3389)

at java.desktop/java.awt.Component.processEvent(Component.java:6391)

at java.desktop/java.awt.Container.processEvent(Container.java:2266)

at java.desktop/java.awt.Component.dispatchEventImpl(Component.java:5001)

at java.desktop/java.awt.Container.dispatchEventImpl(Container.java:2324)

at java.desktop/java.awt.Component.dispatchEvent(Component.java:4833)

at java.desktop/java.awt.LightweightDispatcher.retargetMouseEvent(Container.java:4948)

at java.desktop/java.awt.LightweightDispatcher.processMouseEvent(Container.java:4575)

at java.desktop/java.awt.LightweightDispatcher.dispatchEvent(Container.java:4516)

at java.desktop/java.awt.Container.dispatchEventImpl(Container.java:2310)

at java.desktop/java.awt.Window.dispatchEventImpl(Window.java:2780)

at java.desktop/java.awt.Component.dispatchEvent(Component.java:4833)

at java.desktop/java.awt.EventQueue.dispatchEventImpl(EventQueue.java:775)

at java.desktop/java.awt.EventQueue$4.run(EventQueue.java:720)

at java.desktop/java.awt.EventQueue$4.run(EventQueue.java:714)

at java.base/java.security.AccessController.doPrivileged(AccessController.java:399)

at java.base/java.security.ProtectionDomain$JavaSecurityAccessImpl.doIntersectionPrivilege(ProtectionDomain.java:86)

at java.base/java.security.ProtectionDomain$JavaSecurityAccessImpl.doIntersectionPrivilege(ProtectionDomain.java:97)

at java.desktop/java.awt.EventQueue$5.run(EventQueue.java:747)

at java.desktop/java.awt.EventQueue$5.run(EventQueue.java:745)

at java.base/java.security.AccessController.doPrivileged(AccessController.java:399)

at java.base/java.security.ProtectionDomain$JavaSecurityAccessImpl.doIntersectionPrivilege(ProtectionDomain.java:86)

at java.desktop/java.awt.EventQueue.dispatchEvent(EventQueue.java:744)

at java.desktop/java.awt.EventDispatchThread.pumpOneEventForFilters(EventDispatchThread.java:203)

at java.desktop/java.awt.EventDispatchThread.pumpEventsForFilter(EventDispatchThread.java:124)

at java.desktop/java.awt.EventDispatchThread.pumpEventsForFilter(EventDispatchThread.java:117)

at java.desktop/java.awt.WaitDispatchSupport$2.run(WaitDispatchSupport.java:191)

at java.desktop/java.awt.WaitDispatchSupport$4.run(WaitDispatchSupport.java:236)

at java.desktop/java.awt.WaitDispatchSupport$4.run(WaitDispatchSupport.java:234)

at java.base/java.security.AccessController.doPrivileged(AccessController.java:318)

at java.desktop/java.awt.WaitDispatchSupport.enter(WaitDispatchSupport.java:234)

at java.desktop/java.awt.Dialog.show(Dialog.java:1080)

at rfidsample.RFIDMainDlg.jMenuItemConnectionActionPerformed(RFIDMainDlg.java:1025)

at rfidsample.RFIDMainDlg.access$1300(RFIDMainDlg.java:38)

at rfidsample.RFIDMainDlg$13.actionPerformed(RFIDMainDlg.java:596)

at java.desktop/javax.swing.AbstractButton.fireActionPerformed(AbstractButton.java:1972)

at java.desktop/javax.swing.AbstractButton$Handler.actionPerformed(AbstractButton.java:2313)

at java.desktop/javax.swing.DefaultButtonModel.fireActionPerformed(DefaultButtonModel.java:405)

at java.desktop/javax.swing.DefaultButtonModel.setPressed(DefaultButtonModel.java:262)

at java.desktop/javax.swing.AbstractButton.doClick(AbstractButton.java:374)

at java.desktop/javax.swing.plaf.basic.BasicMenuItemUI.doClick(BasicMenuItemUI.java:1028)

at java.desktop/javax.swing.plaf.basic.BasicMenuItemUI$Handler.mouseReleased(BasicMenuItemUI.java:1072)

at java.desktop/java.awt.Component.processMouseEvent(Component.java:6626)

at java.desktop/javax.swing.JComponent.processMouseEvent(JComponent.java:3389)

at java.desktop/java.awt.Component.processEvent(Component.java:6391)

at java.desktop/java.awt.Container.processEvent(Container.java:2266)

at java.desktop/java.awt.Component.dispatchEventImpl(Component.java:5001)

at java.desktop/java.awt.Container.dispatchEventImpl(Container.java:2324)

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at java.desktop/java.awt.LightweightDispatcher.dispatchEvent(Container.java:4516)

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at java.desktop/java.awt.Component.dispatchEvent(Component.java:4833)

at java.desktop/java.awt.EventQueue.dispatchEventImpl(EventQueue.java:775)

at java.desktop/java.awt.EventQueue$4.run(EventQueue.java:720)

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at java.base/java.security.AccessController.doPrivileged(AccessController.java:399)

at java.base/java.security.ProtectionDomain$JavaSecurityAccessImpl.doIntersectionPrivilege(ProtectionDomain.java:86)

at java.base/java.security.ProtectionDomain$JavaSecurityAccessImpl.doIntersectionPrivilege(ProtectionDomain.java:97)

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at java.base/java.security.AccessController.doPrivileged(AccessController.java:399)

at java.base/java.security.ProtectionDomain$JavaSecurityAccessImpl.doIntersectionPrivilege(ProtectionDomain.java:86)

at java.desktop/java.awt.EventQueue.dispatchEvent(EventQueue.java:744)

at java.desktop/java.awt.EventDispatchThread.pumpOneEventForFilters(EventDispatchThread.java:203)

at java.desktop/java.awt.EventDispatchThread.pumpEventsForFilter(EventDispatchThread.java:124)

at java.desktop/java.awt.EventDispatchThread.pumpEventsForHierarchy(EventDispatchThread.java:113)

at java.desktop/java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:109)

at java.desktop/java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:101)

at java.desktop/java.awt.EventDispatchThread.run(EventDispatchThread.java:90)

According to the type of error when consulting in forums and others is because some references apparently are not added, it has been checked that all references or libraries are dependent on the project, but is published example all that was done is to rebuild and run the project and runs, the problem is at the time of connecting to the RFID hub that the error occurs.

**The same example has been run on Windows and works correctly.**

Also in the sdk notes it is indicated that the component is associated with Windows dll libraries.

<https://www.zebra.com/content/dam/zebra_new_ia/en-us/software/developer-tools/fx7500-series-sdk/rfid-sdk-for-linux-64-bit-host-based-programming-release-notes.pdf>

