BEEM - Android XMPP - Bug #212

[Login] Crash on screen orientation change

11/16/2009 11:59 PM - Jean-Manuel Da Silva

Status:	Closed		**Start date:**	11/16/2009
Priority:	Urgent		**Due date:**	
Assignee:	Nikita Kozlov		**% Done:**	100%
Category:	User Interface		**Estimated time:**	4.00 hours
Target version:	0.1			
Affected version:			**Locale:**	

Description

When you are starting BEEM, if you change your screen orientation during the connection process, the application crash.

Some solutions are pointed out on that thread:

http://stackoverflow.com/questions/1111980/how-to-handle-screen-orientation-change-when-progress-dialog-and-background-threa

The last solution seems to be the "one"

> Move the long task to a seperate class. Implement it as a subject-observer pattern. Whenever the activity is created register and while closing unregister with the task class. Task class can use AsyncTask.

Traces of the crash

11-16 23:30:50.863: INFO/ActivityManager(71): Starting activity: Intent { act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] flg=0x10200000 cmp=com.beem.project.beem/.ui.Login }
11-16 23:30:51.033: DEBUG/LOG_AS(22825): BEGIN onCreate.
11-16 23:30:51.073: DEBUG/LOG_AS(22825): END onCreate.
11-16 23:30:51.073: DEBUG/LOG_AS(22825): BEGIN onStart.
11-16 23:30:52.093: DEBUG/LOG_AS(22825): END onStart.
11-16 23:30:52.093: DEBUG/LOG_AS(22825): BEGIN onResume.
11-16 23:30:52.093: DEBUG/LOG_AS(22825): END onResume.
11-16 23:30:52.103: DEBUG/BeemService(22825): ONCREATE
11-16 23:30:52.113: DEBUG/BeemService(22825): ONBIND
11-16 23:30:52.133: DEBUG/LOG_AS(22825): BEGIN onServiceConnected.
11-16 23:30:52.133: DEBUG/LOG_AS(22825): END onServiceConnected.
11-16 23:30:52.223: INFO/ActivityManager(71): Displayed activity com.beem.project.beem/.ui.Login: 1206 ms (total 1206 ms)
11-16 23:30:52.313: DEBUG/BeemService(22825): onStart
11-16 23:30:52.373: INFO/global(22825): Default buffer size used in BufferedReader constructor. It would be better to be explicit if an 8k-char buffer is required.
11-16 23:30:52.373: INFO/global(22825): Default buffer size used in BufferedWriter constructor. It would be better to be explicit if an 8k-char buffer is required.
11-16 23:30:52.583: WARN/System.err(22825): java.security.KeyStoreException: KeyStore jks implementation not found
11-16 23:30:52.583: WARN/System.err(22825):   at java.security.KeyStore.getInstance(KeyStore.java:142)
11-16 23:30:52.583: WARN/System.err(22825):   at org.jivesoftware.smack.ServerTrustManager.<init>(ServerTrustManager.java:61)
11-16 23:30:52.593: WARN/System.err(22825):   at org.jivesoftware.smack.XMPPConnection.proceedTLSReceived(XMPPConnection.java:1246)
11-16 23:30:52.593: WARN/System.err(22825):   at org.jivesoftware.smack.PacketReader.parsePackets(PacketReader.java:313)
11-16 23:30:52.593: WARN/System.err(22825):   at org.jivesoftware.smack.PacketReader.access$000(PacketReader.java:44)
11-16 23:30:52.593: WARN/System.err(22825):   at org.jivesoftware.smack.PacketReader$1.run(PacketReader.java:76)
11-16 23:30:52.723: INFO/WindowManager(71): onOrientationChanged, rotation changed to 1
11-16 23:30:52.723: INFO/WindowManager(71): Setting rotation to 1, animFlags=0
11-16 23:30:52.733: INFO/WindowManager(71): Config changed: { scale=1.0 imsi=0/0 loc=en_IE touch=3 keys=1/1/2 nav=3 orien=2 layout=18}
11-16 23:30:52.813: DEBUG/LOG_AS(22825): BEGIN onPause.
11-16 23:30:52.813: DEBUG/LOG_AS(22825): END onPause.
11-16 23:30:52.813: DEBUG/LOG_AS(22825): BEGIN onStop.
11-16 23:30:52.933: DEBUG/StatusBar(71): updateResources

11-16 23:30:52.983: INFO/global(22825): Default buffer size used in BufferedReader constructor. It would be better to be explicit if an 8k-char buffer is required.
11-16 23:30:53.003: INFO/global(22825): Default buffer size used in BufferedWriter constructor. It would be better to be explicit if an 8k-char buffer is required.
11-16 23:30:53.023: INFO/ActivityManager(71): Stopping service: com.beem.project.beem/.BeemService
11-16 23:30:53.023: DEBUG/LOG_AS(22825): END onStop.
11-16 23:30:53.053: WARN/System.err(22825): org.apache.harmony.security.provider.cert.DRLCertFactory
11-16 23:30:53.073: DEBUG/LOG_AS(22825): BEGIN onCreate.
11-16 23:30:53.243: DEBUG/dalvikvm(22825): GC freed 4704 objects / 348856 bytes in 151ms
11-16 23:30:53.353: DEBUG/LOG_AS(22825): END onCreate.
11-16 23:30:53.363: DEBUG/LOG_AS(22825): BEGIN onStart.
11-16 23:30:53.663: DEBUG/LOG_AS(22825): BEGIN onConnect.
11-16 23:30:53.663: WARN/dalvikvm(22825): threadid=17: thread exiting with uncaught exception (group=0x4001da28)
11-16 23:30:53.663: ERROR/AndroidRuntime(22825): Uncaught handler: thread Thread-19 exiting due to uncaught exception
11-16 23:30:53.673: ERROR/AndroidRuntime(22825): java.lang.NullPointerException
11-16 23:30:53.673: ERROR/AndroidRuntime(22825):   at com.beem.project.beem.ui.Login$BeemConnectionListener.onConnect(Login.java:328)
11-16 23:30:53.673: ERROR/AndroidRuntime(22825):   at com.beem.project.beem.service.XmppConnectionAdapter$ConnexionListenerAdapter.onConnect(XmppConnectionAdapter.java:368)
11-16 23:30:53.673: ERROR/AndroidRuntime(22825):   at com.beem.project.beem.service.XmppConnectionAdapter.triggerAsynchronousConnectEvent(XmppConnectionAdapter.java:243)
11-16 23:30:53.673: ERROR/AndroidRuntime(22825):   at com.beem.project.beem.service.XmppConnectionAdapter.connectSync(XmppConnectionAdapter.java:142)
11-16 23:30:53.673: ERROR/AndroidRuntime(22825):   at com.beem.project.beem.service.XmppConnectionAdapter$1.run(XmppConnectionAdapter.java:116)
11-16 23:30:53.673: ERROR/AndroidRuntime(22825):   at java.lang.Thread.run(Thread.java:1060)
11-16 23:30:53.683: INFO/Process(71): Sending signal. PID: 22825 SIG: 3
11-16 23:30:53.683: INFO/dalvikvm(22825): threadid=7: reacting to signal 3
11-16 23:30:53.763: INFO/dalvikvm(22825): Wrote stack trace to '/data/anr/traces.txt'
11-16 23:30:54.393: DEBUG/LOG_AS(22825): END onStart.
11-16 23:30:54.393: DEBUG/LOG_AS(22825): BEGIN onResume.
11-16 23:30:54.393: DEBUG/LOG_AS(22825): END onResume.
11-16 23:30:54.423: DEBUG/BeemService(22825): ONUNBIND
11-16 23:30:54.443: DEBUG/XMPPConnectionAdapter(22825): closing connection
11-16 23:30:54.453: DEBUG/dalvikvm(22825): threadid=25 wakeup: interrupted
11-16 23:30:54.616: DEBUG/BeemService(22825): ONDESTROY
11-16 23:30:54.623: DEBUG/BeemService(22825): ONCREATE
11-16 23:30:54.623: DEBUG/BeemService(22825): ONBIND
11-16 23:30:54.653: DEBUG/LOG_AS(22825): BEGIN onServiceConnected.
11-16 23:30:54.653: DEBUG/LOG_AS(22825): END onServiceConnected.
11-16 23:30:54.853: DEBUG/BeemService(22825): onStart
11-16 23:30:54.893: INFO/global(22825): Default buffer size used in BufferedReader constructor. It would be better to be explicit if an 8k-char buffer is required.
11-16 23:30:54.893: INFO/global(22825): Default buffer size used in BufferedWriter constructor. It would be better to be explicit if an 8k-char buffer is required.
11-16 23:30:54.983: WARN/System.err(22825): java.security.KeyStoreException: KeyStore jks implementation not found
11-16 23:30:55.013: WARN/System.err(22825):   at java.security.KeyStore.getInstance(KeyStore.java:142)
11-16 23:30:55.033: WARN/System.err(22825):   at org.jivesoftware.smack.ServerTrustManager.<init>(ServerTrustManager.java:61)
11-16 23:30:55.033: WARN/System.err(22825):   at org.jivesoftware.smack.XMPPConnection.proceedTLSReceived(XMPPConnection.java:1246)
11-16 23:30:55.033: WARN/System.err(22825):   at org.jivesoftware.smack.PacketReader.parsePackets(PacketReader.java:313)
11-16 23:30:55.043: WARN/System.err(22825):   at org.jivesoftware.smack.PacketReader.access$000(PacketReader.java:44)
11-16 23:30:55.043: WARN/System.err(22825):   at org.jivesoftware.smack.PacketReader$1.run(PacketReader.java:76)
11-16 23:30:55.173: INFO/Process(22825): Sending signal. PID: 22825 SIG: 9
11-16 23:30:55.203: INFO/WindowManager(71): WIN DEATH: Window{435d6220 com.beem.project.beem/com.beem.project.beem.ui.Login paused=false}
11-16 23:30:55.213: INFO/WindowManager(71): WIN DEATH: Window{435e60f8 com.beem.project.beem/com.beem.project.beem.ui.Login paused=false}
11-16 23:30:55.243: INFO/ActivityManager(71): Process com.beem.project.beem (pid 22825) has died.
11-16 23:30:55.243: WARN/ActivityManager(71): Scheduling restart of crashed service com.beem.project.beem/.BeemService in 5000ms
11-16 23:30:55.603: DEBUG/dalvikvm(71): GC freed 4519 objects / 229968 bytes in 275ms
11-16 23:30:55.633: INFO/WindowManager(71): Setting rotation to 0, animFlags=0
11-16 23:30:55.653: INFO/WindowManager(71): Config changed: { scale=1.0 imsi=0/0 loc=en_IE touch=3 keys=1/1/2 nav=3 orien=1 layout=18}

11-16 23:30:55.673: INFO/WindowManager(71): Config changed: { scale=1.0 imsi=0/0 loc=en_IE touch=3 keys=1/1/2 nav=3 orien=1 layout=18}
11-16 23:30:55.903: WARN/UsageStats(71): Unexpected resume of com.android.launcher while already resumed in com.beem.project.beem
11-16 23:30:55.923: DEBUG/StatusBar(71): updateResources
11-16 23:30:55.953: INFO/WindowManager(71): Config changed: { scale=1.0 imsi=0/0 loc=en_IE touch=3 keys=1/1/2 nav=3 orien=1 layout=18}
11-16 23:30:56.073: WARN/InputManagerService(71): Got RemoteException sending setActive(false) notification to pid 22825 uid 10038
11-16 23:30:57.923: DEBUG/dalvikvm(71): GC freed 4733 objects / 217888 bytes in 231ms

History

#1 - 11/17/2009 12:34 AM - Frédéric Barthéléry

- Status changed from New to Assigned

- Assignee changed from Frédéric Barthéléry to Nikita Kozlov

Interesting...

#2 - 11/19/2009 04:36 PM - Vincent Véronis

- Target version set to Version Forum EIP

#3 - 11/19/2009 05:03 PM - Philippe Lago

- Status changed from Assigned to Resolved

- Target version changed from Version Forum EIP to 0.1

- % Done changed from 0 to 100

Ajout de l'option android:screenOrientation="portrait" dans le manifest.xml

#4 - 12/04/2009 03:50 PM - Frédéric Barthéléry

- Status changed from Resolved to Closed