

Bazaar - Task #1759

what does FDroid do when it finds the same app with different sigs?

08/21/2013 09:33 pm - hans

Status:	In Progress	Start date:	08/21/2013
Priority:	High	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	integrated audit and user-generated data		
Component:			
Description			
it is possible to have multiple FDroid repos that include the same APK. What happens with if they have different signatures? Or are different versions, etc?			

History

#1 - 10/10/2013 01:41 pm - n8fr8

- Target version set to 0.1 - "Kerplapp"

#2 - 11/21/2013 04:02 pm - hans

- Target version changed from 0.1 - "Kerplapp" to 0.2 - ChatSecure/Bluetooth

#3 - 12/04/2013 09:18 pm - hans

- Priority changed from Normal to High

#4 - 01/30/2014 03:03 am - hans

- Target version changed from 0.2 - ChatSecure/Bluetooth to improved security/usability

#5 - 02/26/2014 11:58 pm - pd0x

- Status changed from New to Feedback

Tested by creating an application (package ID: com.example.testapp) that I signed with two different keys to produce TestApp.a.apk and TestApp.b.apk. Both APKs were VersionCode 1. I used the fdroidserver tools to create two separate FDroid repos TestRepoA and TestRepoB that each listed com.example.testapp with one APK (TestApp.a.apk or TestApp.b.apk based on the repo name).

Adding both repositories to FDroid in the order TestRepoA and then TestRepoB results in one listing in the FDroid client from TestRepoB installs TestApp.b.apk. If TestApp.a.apk is already installed FDroid prompts for it to be removed before installing TestApp.b.apk

Reversing the order of repository addition (adding TestRepoB then TestRepoA) results in one listing in the FDroid client from TestRepoA that installs TestApp.a.apk. If TestApp.b.apk is already installed FDroid prompts for it to be removed before installing TestApp.b.apk

This seems like a bug. I think the correct behavior is to have two listings for the same Version under the app details screen. Ideally with a means to distinguish which APK listing corresponds to which repository & app signature.

#6 - 02/27/2014 12:10 am - pd0x

Opened Issue 477 with the FDroid project. https://f-droid.org/repository/issues/?do=view_issue&issue=477

#7 - 04/04/2014 11:23 pm - daithib8

UI-wise the complete list of APKs should be in a different activity. Users should normally be able to trust the client enough to scroll past the text and any warnings and press install, without having to examine the full list of available versions. This allows all info from within and without the index to be displayed without being too cluttered and the list can be easily sorted. With a navigation drawer paradigm it wouldn't be too tedious to navigate.

#8 - 05/16/2014 03:11 pm - hans

- *Status changed from Feedback to In Progress*
- *Assignee deleted (pd0x)*

#9 - 04/29/2015 07:11 pm - hans

- *Target version changed from improved security/usability to integrated audit and user-generated data*