

## CHIRP - Feature # 1369

<b>Status:</b>	Blocked	<b>Priority:</b>	Low
<b>Author:</b>	Aldo Cugnini	<b>Category:</b>	
<b>Created:</b>	01/12/2014	<b>Assignee:</b>	
<b>Updated:</b>	02/05/2014	<b>Due date:</b>	
<b>Chirp Version:</b>	0.3.0		
<b>Model affected:</b>	(All models)		
<b>Subject:</b>	Android app		
<b>Description</b>			
It would be very useful to get an Android app in the works. Users could then connect their radio directly to a USB host port on a tablet or cell phone.			
Any thoughts?			
<b>Related issues:</b>			
duplicated by Feature # 1411: android		<b>Rejected</b>	<b>01/28/2014</b>
duplicated by Feature # 2743: Android based version		<b>Rejected</b>	<b>07/20/2015</b>
duplicated by Feature # 2789: Android App?		<b>Rejected</b>	<b>08/11/2015</b>
duplicated by Bug # 2951: Request to create Chirp for Android.		<b>Rejected</b>	<b>10/27/2015</b>

### History

#### #1 - 01/12/2014 10:08 am - Tom Hayward

- Status changed from New to Blocked
- Assignee deleted (Dan Smith)

Note that the scope of this bug tracker is for enhancements and fixes to the current codebase. Chirp is heavily reliant on the PyGTK GUI framework. This issue is blocked until PyGTK works on Android.

Chirp's core logic and radio drivers could be utilized to jump start development of a third-party Android application using Android's native GUI library. If someone chooses to take on this project, it will be an independent project and have its own bug tracker.

#### #2 - 01/26/2014 04:34 pm - Mike Storke

Not sure if I should write this here or the mailing list, but here goes. Two possibly stupid questions:

1. How hard would it be to port to something newer (PyQt, PyGObject, Kiva, wxWindows, etc)?
2. Perhaps better question, and in relation to the blind guy's post, how about separating the GUI from the low level parts (as a shared library) so a non-GUI front end could be written--this could, in theory, run on anything and be displayed on anything.

I haven't looked at Chirp's internals yet, and am not a Python expert, so sorry in advance if these are boneheaded-stupid.

#### #3 - 02/05/2014 05:26 pm - Dan Smith

First off, chirp is 100% cleanly split between driver/radio/clone logic and UI. There is a very neglected command-line tool for driving chirp in that way that could be resurrected (I've offered) for the blind folks if there is someone interested in working on it. The graphical UI can easily be replaced, although it is a non-trivial amount of code and not something I'm looking to do or maintain.

Second, such a split would not magically enable an android app as there are many other hurdles to overcome so further discussion about that sort of thing doesn't belong here (it didn't really in the first place).