

Android AlarmClock

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Mission

- Built-in application AlarmClock
- Snooze button too similar to dismiss.
- Alarm doesn't stop for 10 min!!! Its craziness!
Who invented it?
- Usually alarm beeps only 1 min than snooze for 5-10 min.



Preparation

- Dev. machine - Kubuntu 9.10 64bit
- Repo tool that works with Git
- Android platform - donut (1.6)
 - Source codes
 - Android SDK 1.6
 - Tools (emulator, adb, ddms, ...)
- Java 1.5, gcc-4.3 and g++-4.3
- Recovery image and binaries for HTC-Dream (G1)
- Eclipse – not for building



About application

The screenshot displays the Eclipse IDE interface for an Android application. The main window shows a simulated Android device with the following elements:

- Status Bar:** Shows signal strength, battery, and the time 12:50 AM.
- Search Bar:** A Google search bar is visible at the top of the app.
- Alarm Dialog:** A central dialog box titled "Alarm" features a large analog clock face. Below the clock are two buttons: "Snooze" and "Dismiss".
- Navigation Bar:** At the bottom of the app, there are three tabs: "Dialer", "Contacts", and "Browser".
- Virtual Keyboard:** A full QWERTY keyboard is overlaid on the right side of the device screen.

The Eclipse IDE background shows the following details:

- Project Structure:** The left sidebar shows a project named "donut" with a package structure: "packages/apps/AlarmClock/src/com/android/alarmclock". The file "AlarmAlert.java" is selected.
- Code Editor:** The central editor displays the source code for "AlarmAlert.java", with line numbers ranging from 351 to 369. The current line is 367.
- Outline:** The right sidebar shows the Outline view, listing various methods and classes in the project.
- Bottom Bar:** The IDE's bottom bar includes "Writable", "Smart Insert", and the cursor position "367 : 31".
- OS Taskbar:** The bottom of the screen shows the Ubuntu desktop environment with a taskbar containing icons for the IDE, system settings, and other applications. The system clock shows "12:50 am".

My work

- Snooze button too similar to dismiss.
- **New Dialog – user can set snooze time.**
- Alarm doesn't stop for 10 min!!! Its craziness!
Who invented it?
- **Alarm beeps only 1 min.**
- Usually alarm beeps only 1 min than snooze for 5-10 min.
- **Auto snooze for 5, 10 and 15 mins.**



End

