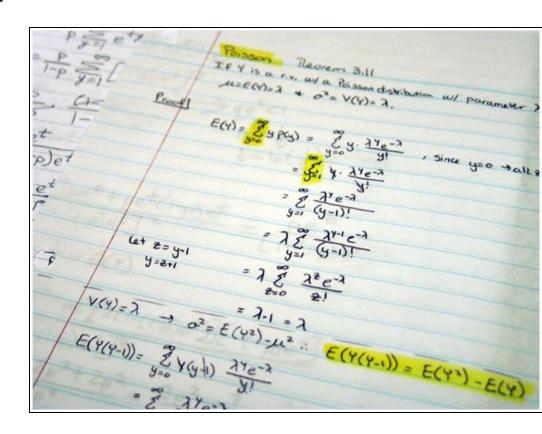Alex Hunt and Jon Kriss

What is Android Math Notebook

- Android Tablet App

- Electronic Notes

- Handwriting Recognition

- Math Mode

Ported LipiTK

- Now Compiles on Android NDK

- Compiles as a Separate Shared Library

- Uses CrystaX NDK (http://www.crystax.net/en/android/ndk)

  - Reimplementation of stdlib for Android

Recognition Implementation

- Implemented JNI layer

- Recognition "Works"

- Very Slow

- Wrong Most of the time

Other New Features

- ## Implemented Undo/Redo
  - Uses the "Command Design Pattern"

- ## Application Data Bundled
  - Rotating Screen Doesn't Erase

Native Debugging

- Debugging C/C++ from Eclipse

- Difficult to set up

- Sequoyah plugin

- GDB connects over tcp

DEMO!

Thanks!

- Thanks to...
  - Moorthy
  - Sean O'Sullivan
  - RCOS members

Questions?