Google™
11

Android + App Engine:
A Developer's Dream Combination

Xavier Ducrohet,
SDK Tech Lead, Android

Brad Abrams,
Product Manager, Cloud Developer Tooling

Feedback: http://goo.gl/MJEbL
Twitter: #io2011 #android

Why Are We Here?

Questions with the cloud

- Cost
- Scalability
- Security and Identity
- Ease of Use

Google App Engine to the Rescue

- Cost
  - Free to get started

    pay for only what you use
- Scalability
  - Simple and Built in
- Security and Identity

  - Google Accounts built in
- Ease of Use

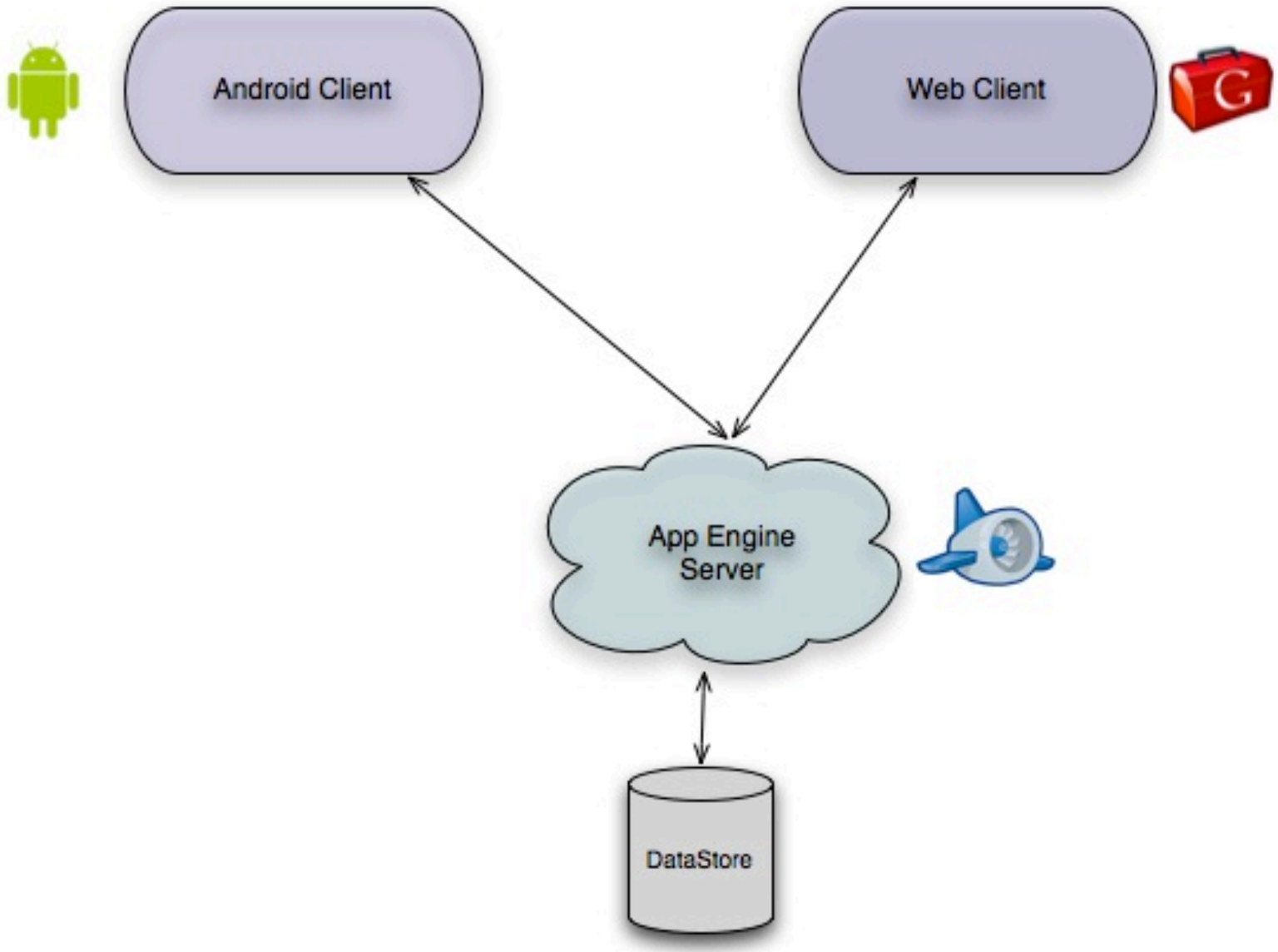
  - Java Eclipse plugin

Google Plugin for Eclipse Overview

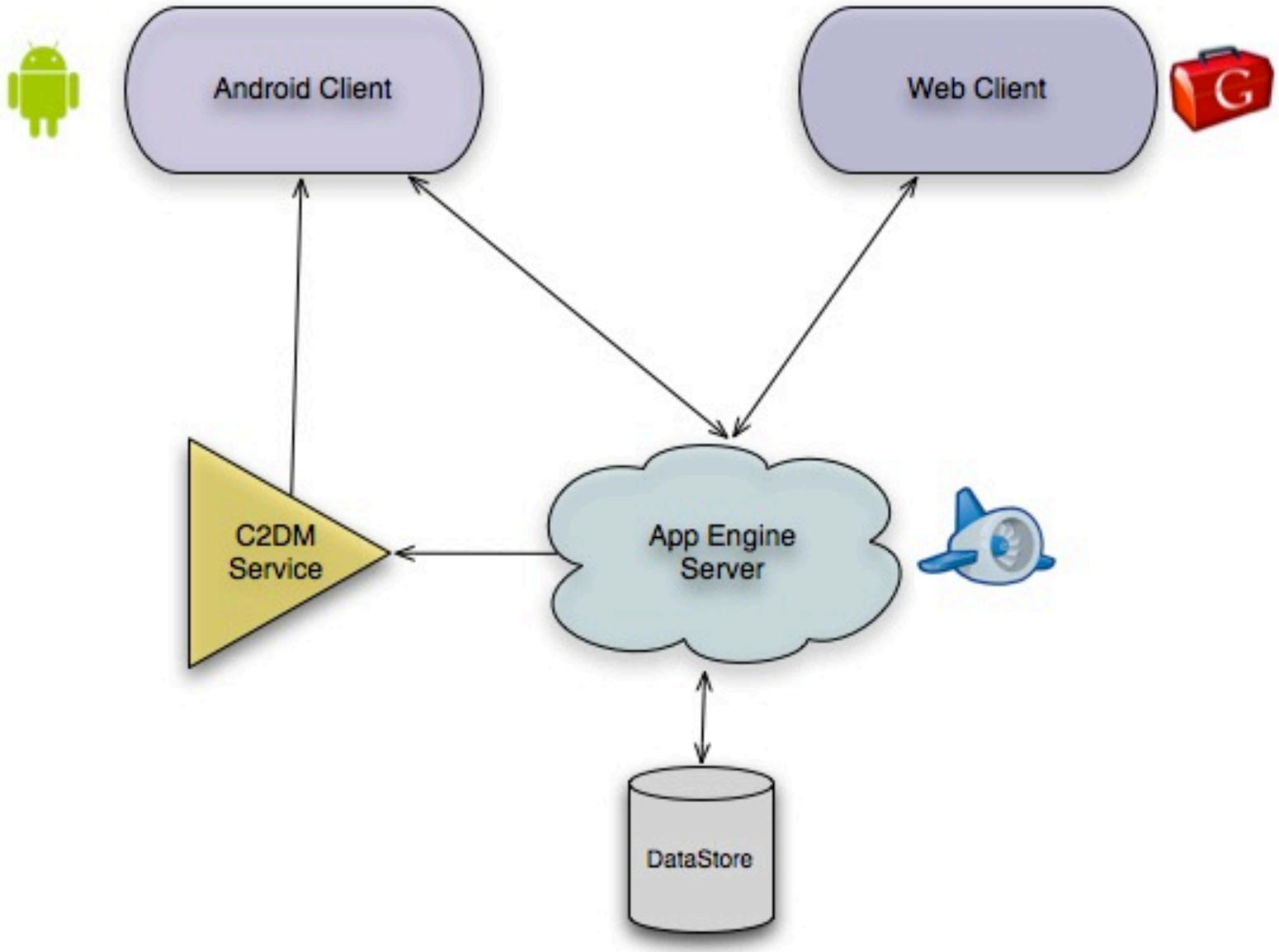
- Java development with App Engine
  - Local debugging and test environment
  - Integrated push to production
  - Easy Google API Access
  - GWT based web application development
    - Including a great visual designer

- Widely used
  - over 150K deployments to App engine every month

Task Demo Application Architecture



Task Demo Application Architecture



Announcing....

Google Plugin for Eclipse 2.4 Beta

- Now includes support for android Applications
- RPC Tooling Support
- Seamless C2DM support

Download it today

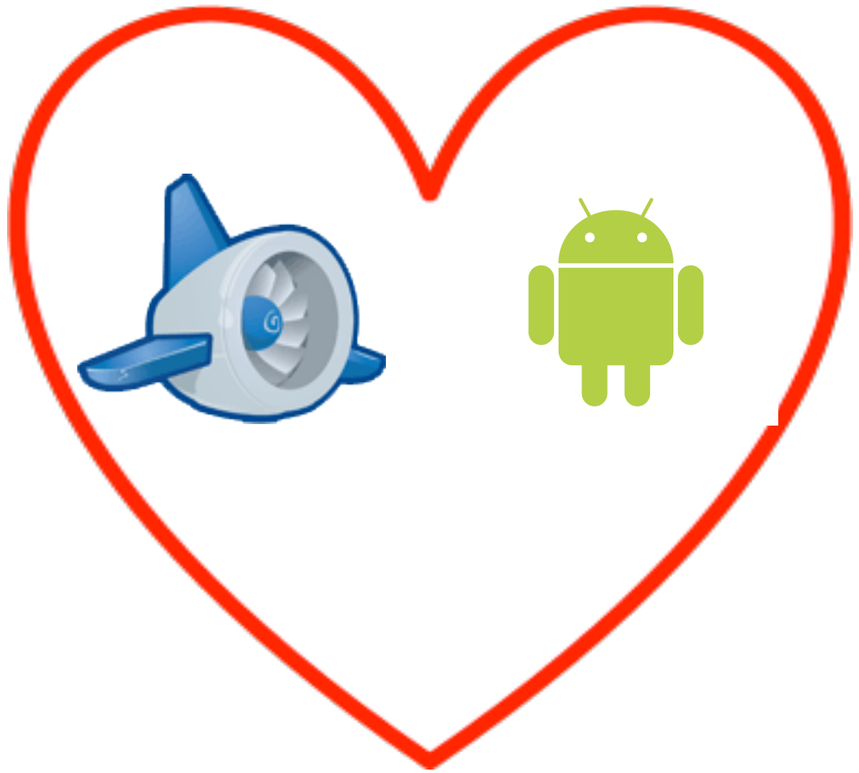
- http://code.google.com/eclipse

The Demo

Google I/O 11

Summary

- Increase your customer-love by cloud connecting your Android Apps
- Google App Engine is the ideal platform for many applications
- GPE 2.4 beta makes it very easy



Resources

- Demo
  - Starter Project: http://bigdaddy-io.appspot.com/
  - Source code: https://code.google.com/p/cloud-tasks-io
  - Running App: http://cloudtasksio.appspot.com/
  - More: http://bradabrams.com

- Android and the Android Developer Tools (ADT)
  - developer.android.com
  - Other IO Sessions
    - Android Development Tools
    - Best Practices for Accessing Google APIs on Android

- App Engine and the Google Plugin for Eclipse (GPE)
  - code.google.com/appengine/
  - Other IO Sessions

Next Steps

We need your feedback!

Several enhancements in the pipe

Questions?

Feedback: http://goo.gl/MJEbL
Twitter: #io2011 #android