Google App Engine

Sean Sullivan

Portland Java User Group

August 18, 2009

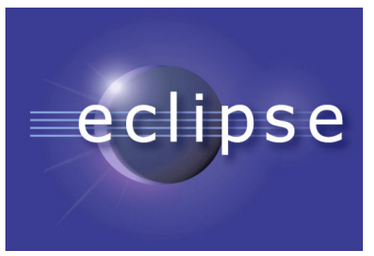
- turn on your phone
- turn on your ringer
- ask questions!

Google™

amazon.com

twilio™

friendfeed



Google App Engine - Google Code

http://code.google.com/appengine/

appengine

Google App Engine - Google Code

My favorites | English | Sign in

Google code

Search

e.g. "templates" or "datastore"

Google App Engine Home Docs FAQ Articles Blog Community Terms Download

Run your web apps on Google's infrastructure.

Easy to build, easy to maintain, easy to scale.

Java™ Language Support

App Engine recently unveiled its second language: Java. This release includes our Java runtime, integration with Google Web Toolkit, and a Google Plugin for Eclipse, giving you an end-to-end Java solution for AJAX web applications. The Java runtime is now available for anyone to use, so please give it a try and send us your feedback.

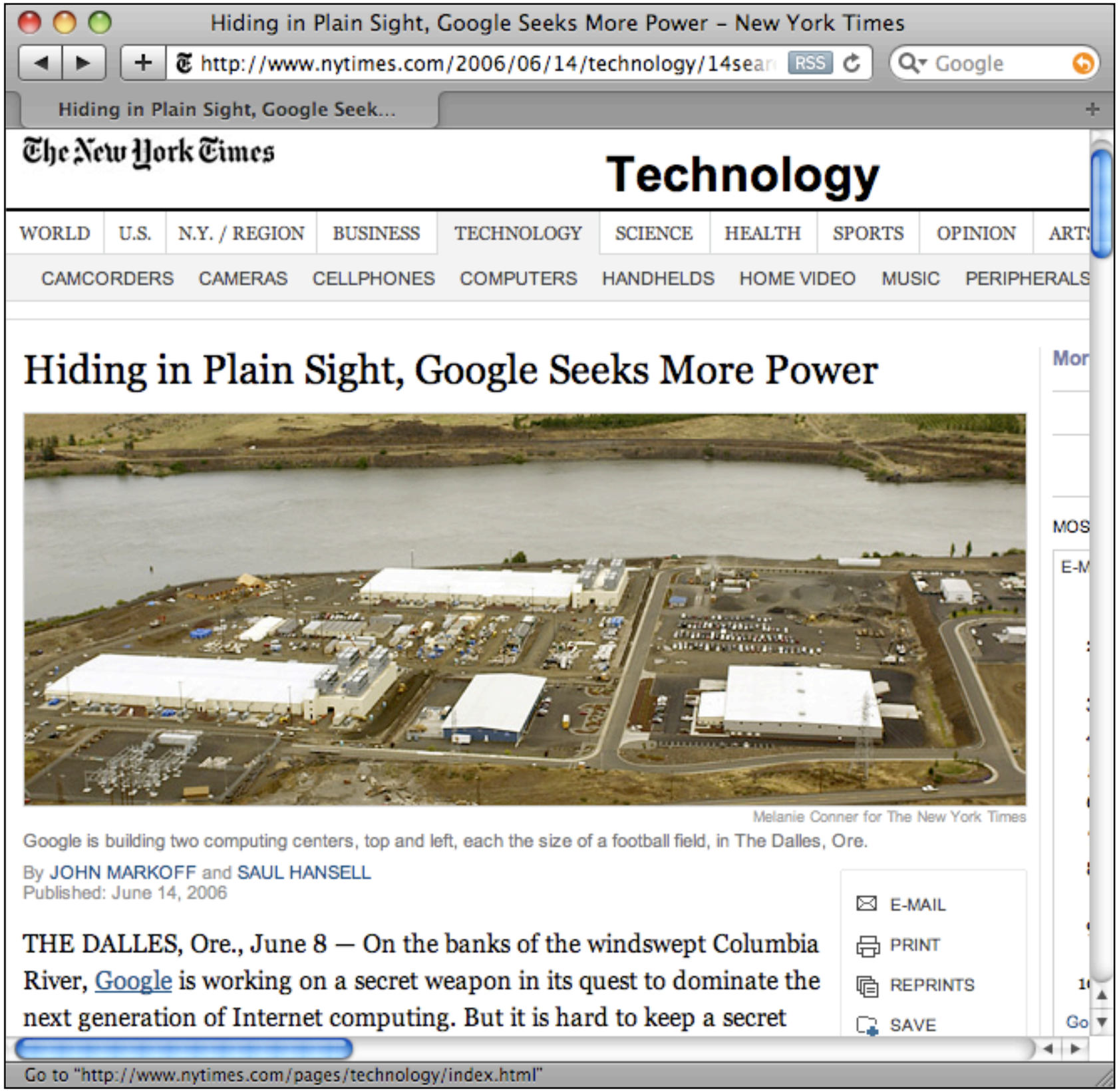
Getting Started

1. Sign up for an App Engine account.
2. Download the App Engine SDK.
3. Read the Getting Started Guide.
4. Check out sample apps in the App Gallery.

Watch and Learn

Developing and deploying on Google App Engine.
Watch Now

Recent Articles



source: www.nytimes.com

Google datacenter
The Dalles, Oregon

Cloud computing – Wikipedia, the free encyclopedia

http://en.wikipedia.org/wiki/Cloud_computing#

Cloud computing – Wikipedia, the...

*Help us provide free content to the world by **donating today!***

Try Beta | **Log in / create account**

article | discussion | edit this page | history

WIKIPEDIA
The Free Encyclopedia

navigation

- Main page
- Contents
- Featured content
- Current events
- Random article

search

Go | Search

interaction

- About Wikipedia
- Community portal
- Recent changes
- Contact Wikipedia

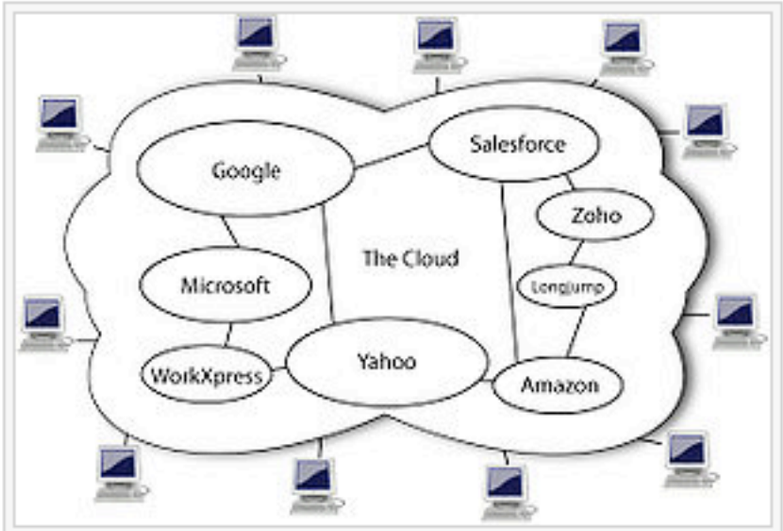
Cloud computing

From Wikipedia, the free encyclopedia

Cloud computing is a style of computing in which dynamically scalable and often virtualized resources are provided as a service over the Internet.[1][2] Users need not have knowledge of, expertise in, or control over the technology infrastructure in the "cloud" that supports them.[3]

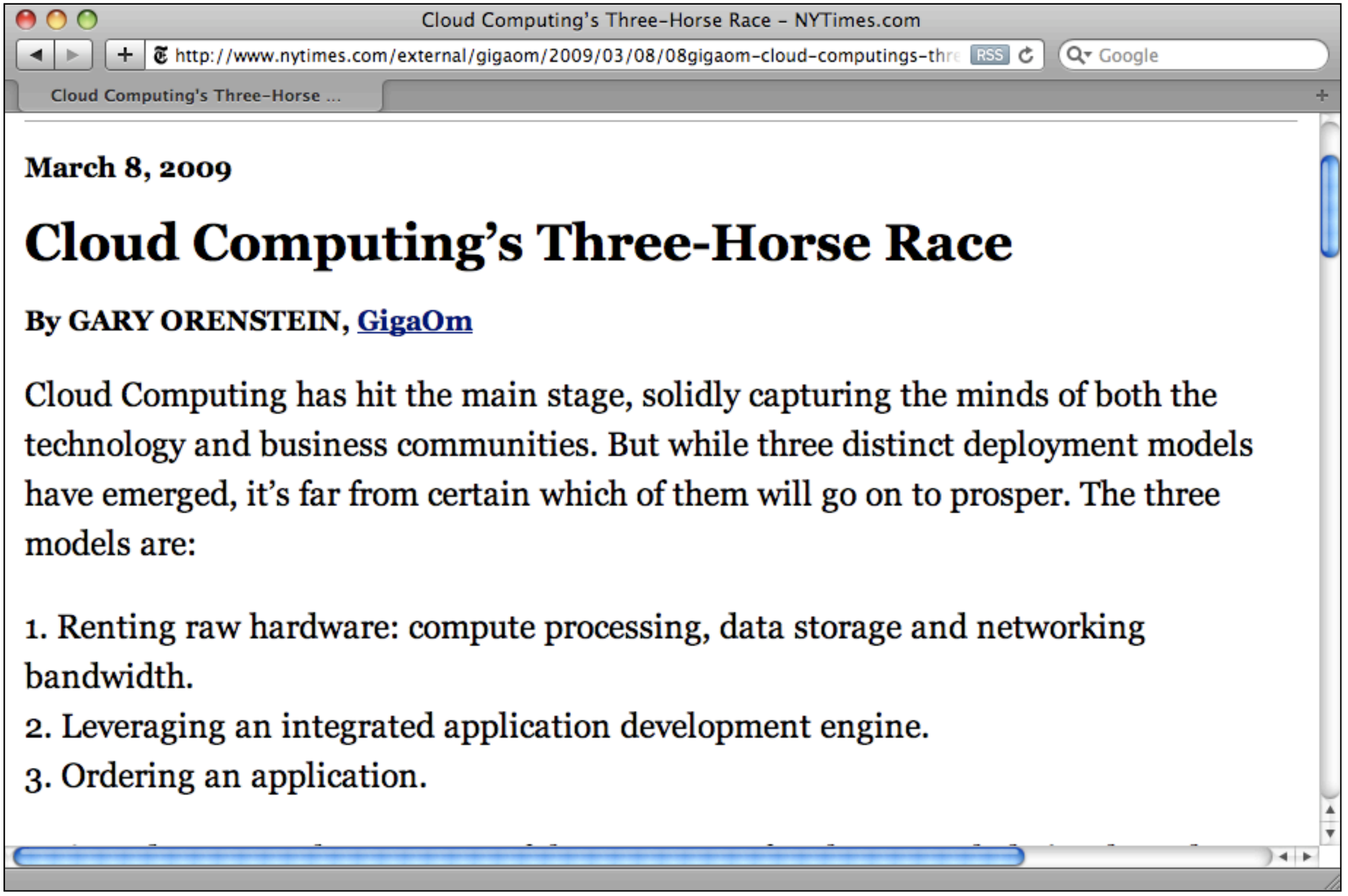
The concept generally incorporates combinations of the following:

- infrastructure as a service (IaaS)
- platform as a service (PaaS)
- software as a service (SaaS)
- Other recent (ca. 2007–09)[4][5] technologies that rely on the Internet to satisfy the computing needs of users. Cloud computing services often provide common business applications online that are accessed from a web browser, while the software and data are stored on the servers.



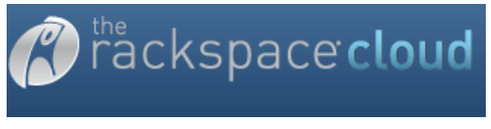
Some of the vendors providing Cloud computing services

The term *cloud* is used as a metaphor for the Internet, based on how the Internet is depicted in computer network diagrams and is an abstraction for the complex infrastructure it conceals.[6]



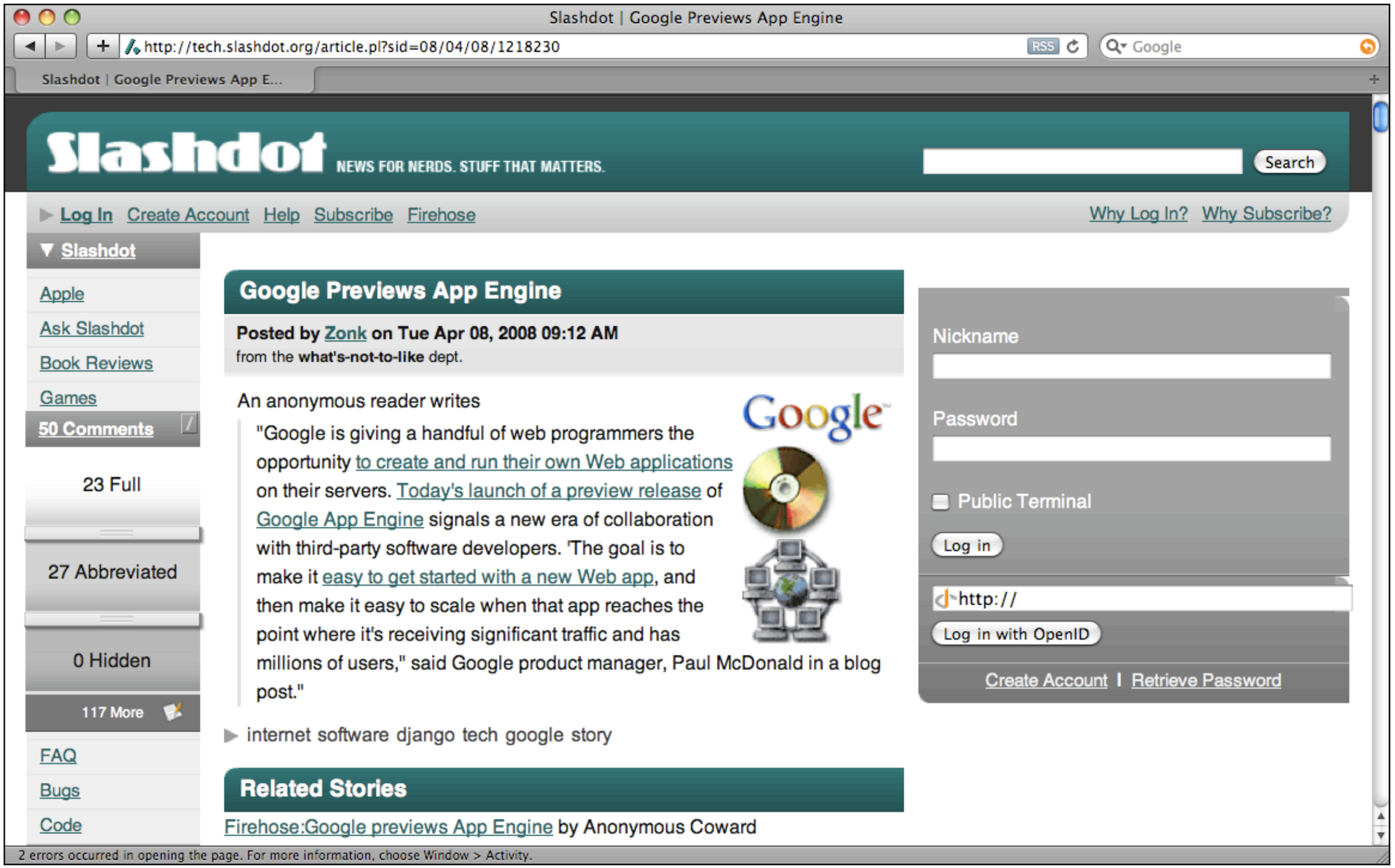
source: www.nytimes.com

Infrastructure as a Service



Platform as a Service

Software as a Service


Slashdot | Google Previews App Engine
http://tech.slashdot.org/article.pl?sid=08/04/08/1218230
Slashdot | Google Previews App E...
Slashdot
NEWS FOR NERDS. STUFF THAT MATTERS.
Search
Log In Create Account Help Subscribe Firehose
Why Log In? Why Subscribe?
Slashdot
Apple
Ask Slashdot
Book Reviews
Games
50 Comments
23 Full
27 Abbreviated
0 Hidden
117 More
FAQ
Bugs
Code
Google Previews App Engine
Posted by Zonk on Tue Apr 08, 2008 09:12 AM
from the what's-not-to-like dept.
An anonymous reader writes
"Google is giving a handful of web programmers the opportunity to create and run their own Web applications on their servers. Today's launch of a preview release of Google App Engine signals a new era of collaboration with third-party software developers. 'The goal is to make it easy to get started with a new Web app, and then make it easy to scale when that app reaches the point where it's receiving significant traffic and has millions of users," said Google product manager, Paul McDonald in a blog post."
internet software django tech google story
Related Stories
Firehose:Google previews App Engine by Anonymous Coward
Nickname
Password
Public Terminal
Log in
http://
Log in with OpenID
Create Account | Retrieve Password
2 errors occurred in opening the page. For more information, choose Window > Activity.

April 2008

Google App Engine Blog: Seriously this time, the new language on App Engine: Java™

http://googleappengine.blogspot.com/2009/04/seriously-this-time-new-language-on-app.html

app engine java

Google App Engine Blog: Seriousl...

SEARCH BLOG | FLAG BLOG | Next Blog» | Create Blog | Sign In

Google Developer Blog

Google App Engine Blog

News, notes, tips and tricks from the Google App Engine Team

Tuesday, April 7, 2009

Seriously this time, the new language on App Engine: Java™

Today, we're very excited to announce the availability of a new programming language for Google App Engine. Please welcome the Java runtime!

When the two of us first heard the promise of Google App Engine, we realized that the chance to bring this kind of simplicity to Java developers was too good of an opportunity to pass up. When App Engine launched publicly, we were excited to see that Java language support was both the first and the most popular request filed in the Issue Tracker. We were also thrilled to see that this enthusiasm extended beyond the Java language to all of the various programming languages that have been implemented on top of the Java virtual machine -- not to mention all of the popular web frameworks and libraries.

Search

powered by Google™

Site Feed

Google

12796 readers

BY FEEDBURNER

Stuff we read

Google App Engine

Google App Engine Docs

Google App Engine Group

Google Code

App Gallery

Message (1) processing took 172 ms

April 2009

python™

Java

JRuby

Groovy

Scala

+

The Java Servlet Environment – Google App Engine – Google Code

http://code.google.com/appengine/docs/java/runtime.html

Google

The Java Servlet Environment – G...

Google code

Search

e.g. "templates" or "datastore"

Google App Engine

Home | **Docs** | FAQ | Articles | Blog | Community | Terms | Download

Downloads
System Status
Issue Tracker

Getting Started

- What Is Google App Engine?
- Java
- Python

Java

- Overview
- Servlet Environment
- Storing Data

The Java Servlet Environment

App Engine runs your Java web application using a Java 6 JVM in a safe "sandboxed" environment. App Engine invokes your app's servlet classes to handle requests and prepare responses in this environment.

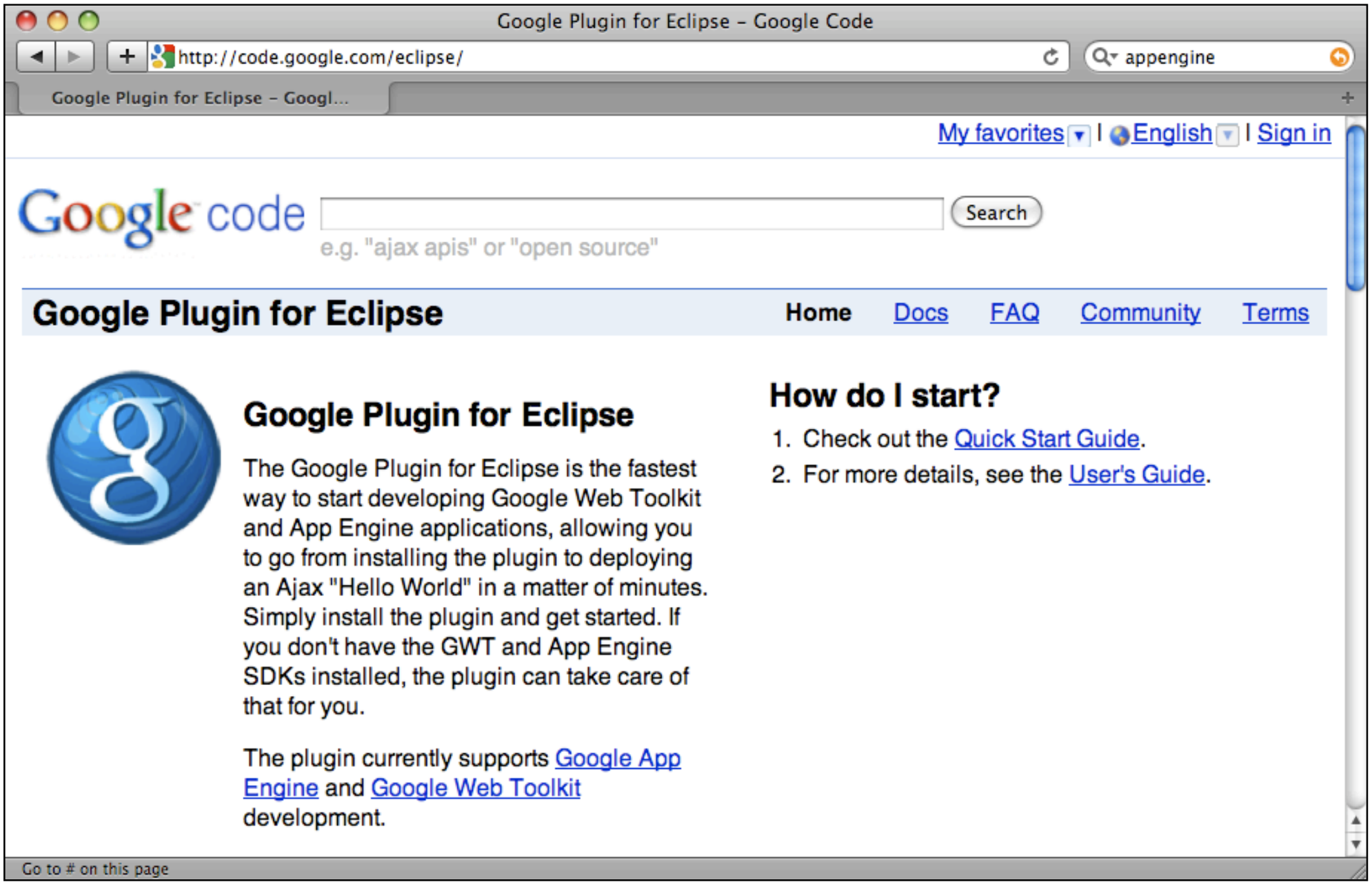
- Selecting the Java API Version
- Requests and Domains
- Requests and Servlets
- Responses
- The Request Timer
- The Sandbox
- The JRE White List
- Logging
- The Environment
- Quotas and Limits

One error in opening the page. For more information, choose Window > Activity.

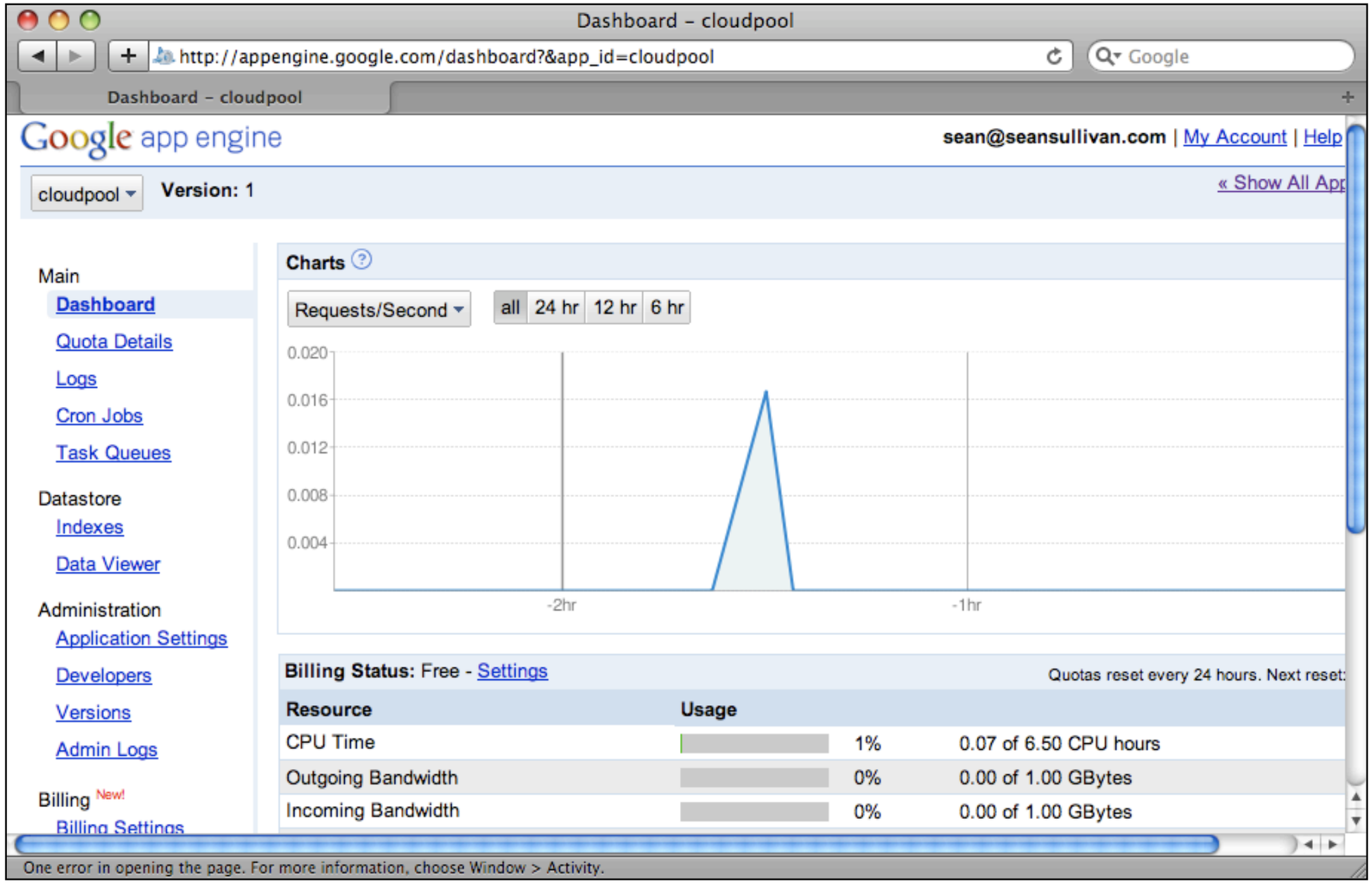
App Engine services

- Memcache
- URL Fetch
- Mail
- Images
- Data Store
- Google Accounts

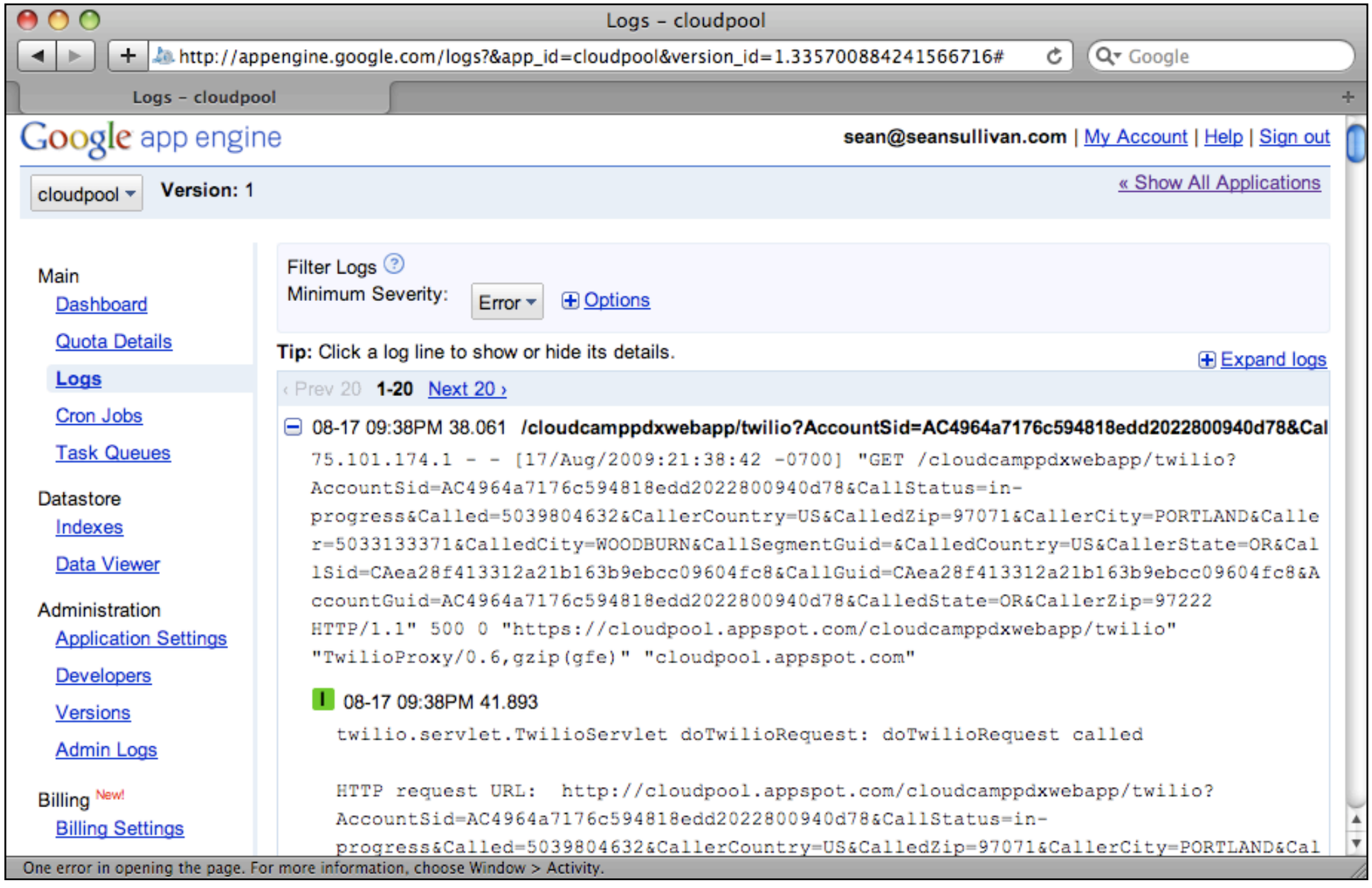
Google Plugin for Eclipse



App Engine dashboard



App Engine dashboard



Demo

Google™

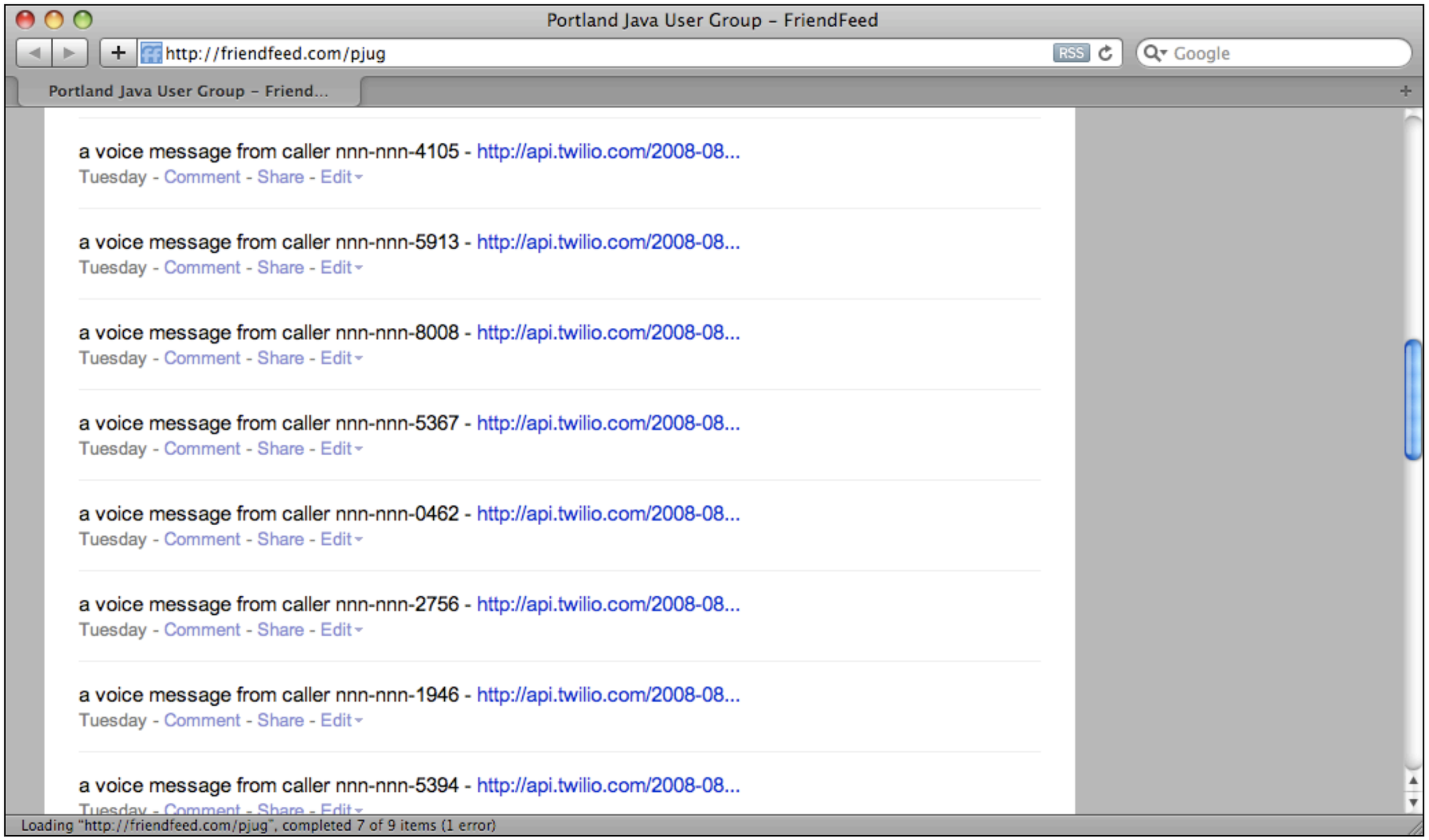
Java™

amazon.com

twilio™

friendfeed

eclipse


Portland Java User Group – FriendFeed
http://friendfeed.com/pjug
RSS
Google
Portland Java User Group – Friend...
a voice message from caller nnn-nnn-4105 - http://api.twilio.com/2008-08...
Tuesday - Comment - Share - Edit
a voice message from caller nnn-nnn-5913 - http://api.twilio.com/2008-08...
Tuesday - Comment - Share - Edit
a voice message from caller nnn-nnn-8008 - http://api.twilio.com/2008-08...
Tuesday - Comment - Share - Edit
a voice message from caller nnn-nnn-5367 - http://api.twilio.com/2008-08...
Tuesday - Comment - Share - Edit
a voice message from caller nnn-nnn-0462 - http://api.twilio.com/2008-08...
Tuesday - Comment - Share - Edit
a voice message from caller nnn-nnn-2756 - http://api.twilio.com/2008-08...
Tuesday - Comment - Share - Edit
a voice message from caller nnn-nnn-1946 - http://api.twilio.com/2008-08...
Tuesday - Comment - Share - Edit
a voice message from caller nnn-nnn-5394 - http://api.twilio.com/2008-08...
Loading "http://friendfeed.com/pjug", completed 7 of 9 items (1 error)

Telephony in the cloud

http://www.twilio.com

Telephony in the cloud

+

http://code.google.com/p/twilio-java-client

Questions?

Thank you

sean@seansullivan.com