

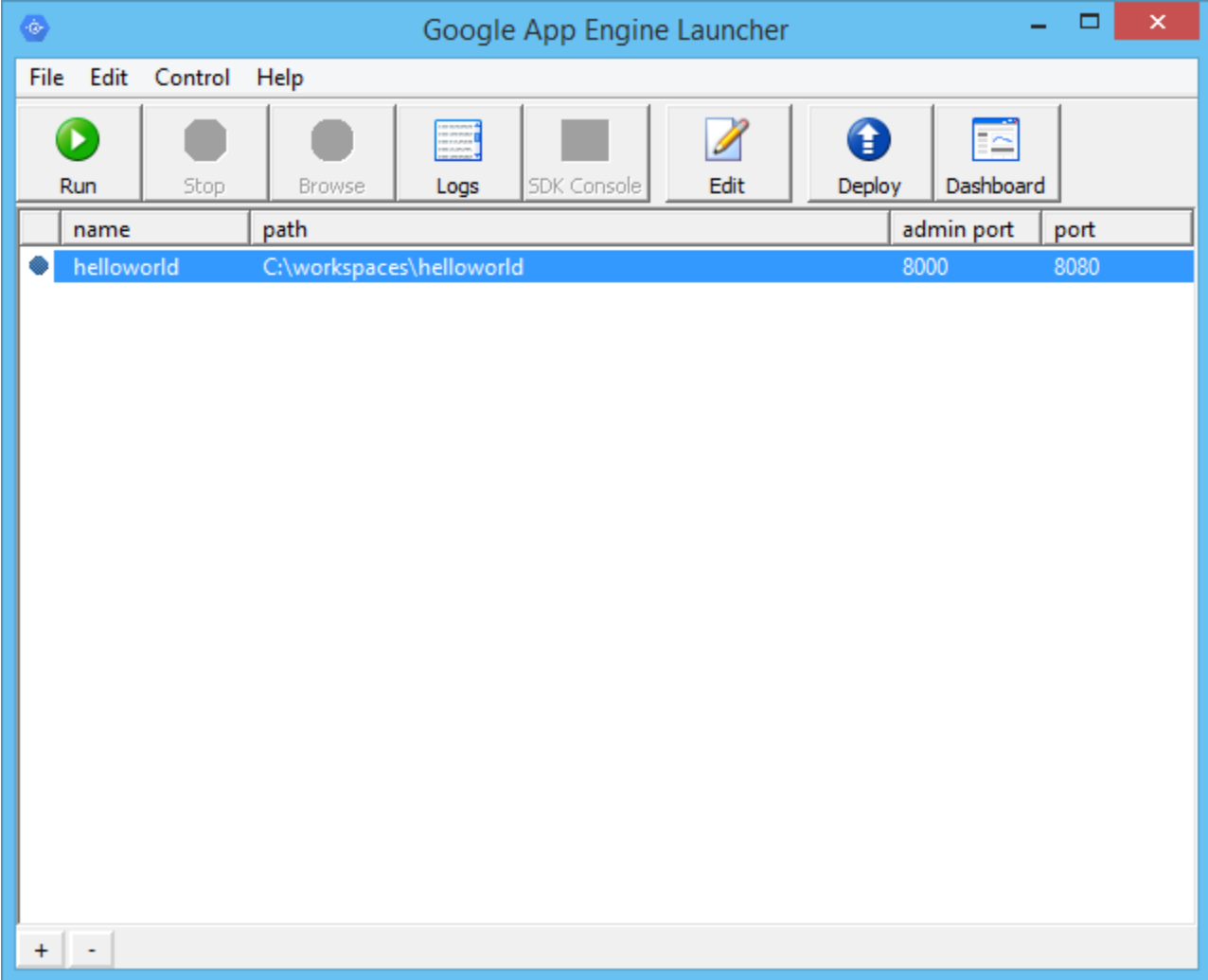
# Chapter 1: Getting Started

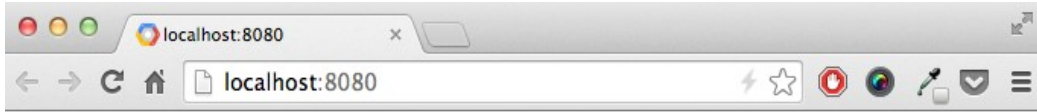
SaaS

PaaS

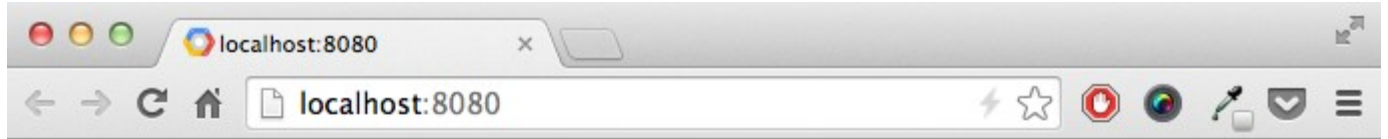
IaaS







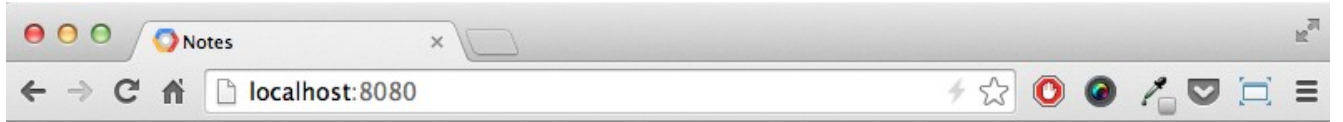
Hello world!



# Hello world!

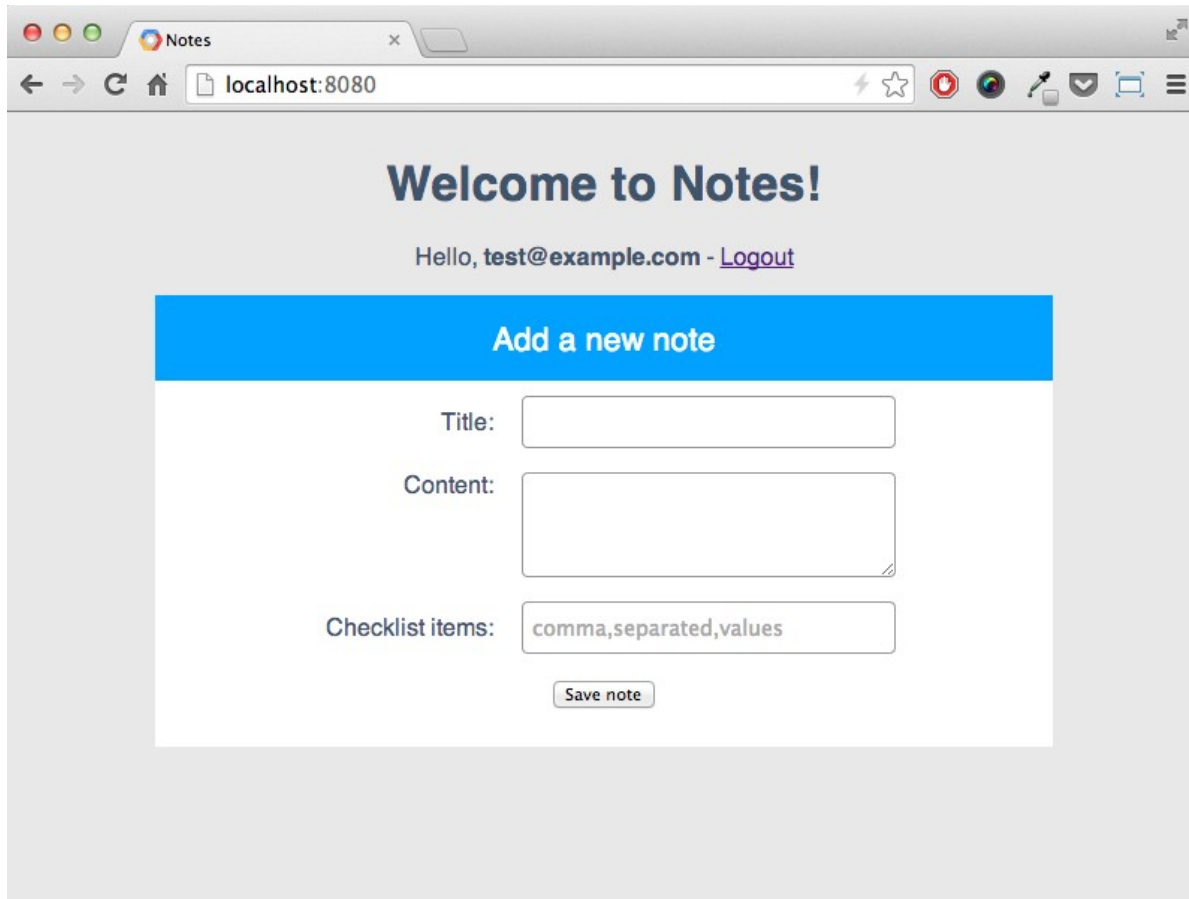
I'm using App Engine!

## Chapter 2: A more complex application



# Welcome to Notes!

Hello, `test@example.com` - [Logout](#)



## Chapter 5: Storing Data in Google Cloud SQL

< Projects

my-project-id

- Overview
- Permissions
- Billing & settings

APIs & auth

Monitoring

Source Code

Compute

Storage

- Cloud Storage
- Cloud Datastore
- Cloud SQL

<<



[Show advanced options...](#)

CLOUD SQL INSTANCE ID <sup>?</sup>

my-project-id myfirst

REGION <sup>?</sup>

United States

TIER <sup>?</sup>

D0 – 128 MB RAM

Save

Cancel



Google Developers Console

johnndoe@example.com

< Projects

my-project-id

APIs & auth

Monitoring

Source Code

Compute

Storage

- Cloud Storage
- Cloud Datastore
- Cloud SQL

Support

Need help?

Privacy & terms

OVERVIEW OPERATIONS ACCESS CONTROL

IP Address 173.194.241.187 Remove

Set Root Password

Set

Show

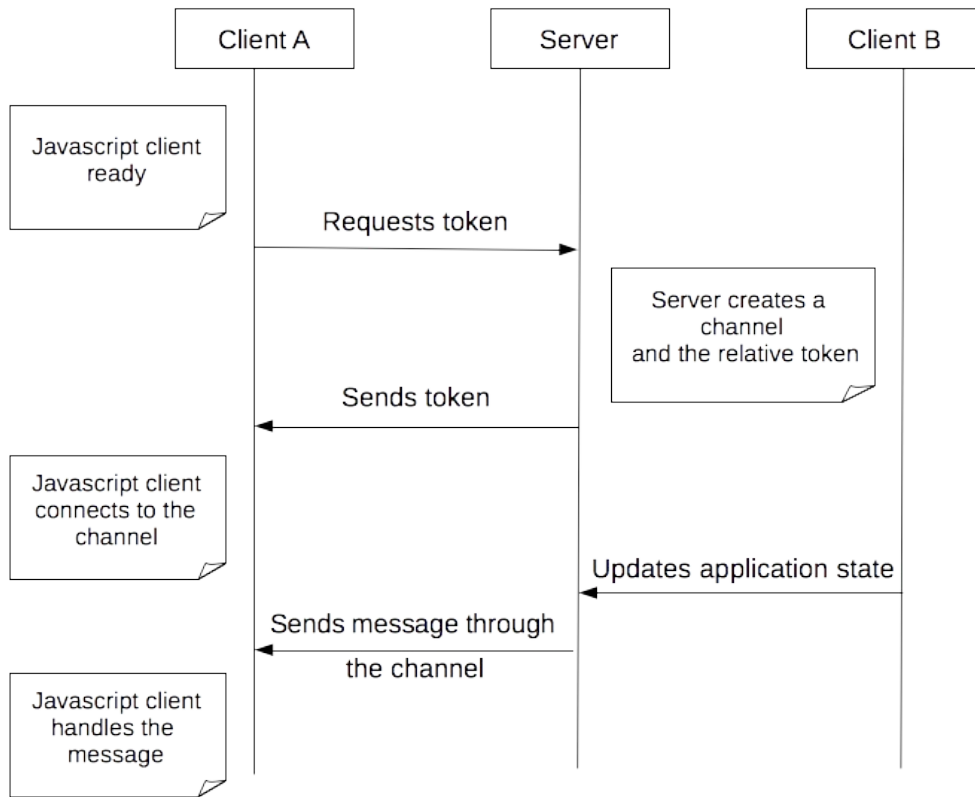
Authorized Networks Add new

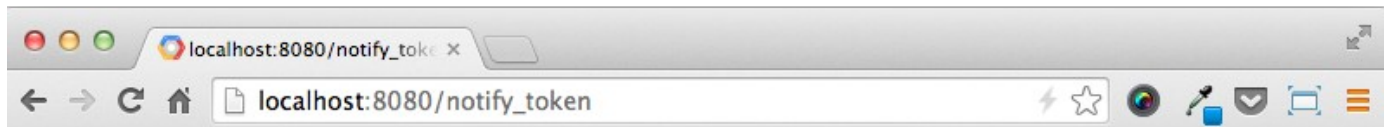
SUBNET	REMOVE
10.10.10.1	x

Authorized App Engine Applications Add new

NAME	REMOVE
my-project-id	x

## Chapter 6: Using Channels to Implement a Real-time Application





```
{ "token": "b7765edbb1b2fa232a3ce064391a4f8a-channel-4183327544-1413713730-notify-185804764220139124118" }
```

Notes

localhost:8080

# Welcome to Notes!

8 notes stored so far!

Hello, test@example.com | Logout | Shrink images

Add a new note

Title:

Content:

Elements Network Sources Timeline Profiles Resources Audits Console AngularJS

<top frame> Preserve log

Token:b0d3eef21d76b7cec2670c3ce4a19e07-channel-3841223582-1413731566-notify-185804764220139124118 client.js:36

# Welcome to Notes!

8 notes stored so far!

Hello, [test@example.com](#) | [Logout](#) | [Shrink images](#)

Add a new note

Title:

Content:

```
<top frame> Preserve log
Channel opened! client.js:9
GET http://localhost:8080/_ah/channel/dev?command=poll&channel=ad066fcf83945cfc...da8cdb-channel-2368751630-1413735160-notify-185804764220139124118&client=1 401 (Token+timed+out.) jsapi:5990
goodbye client.js:25
```

Notes

localhost:8080

# Welcome to Notes!

8 notes stored so far!

Hello, [test@example.com](#) | [Logout](#) | [Shrink images](#)

**Add a new note**

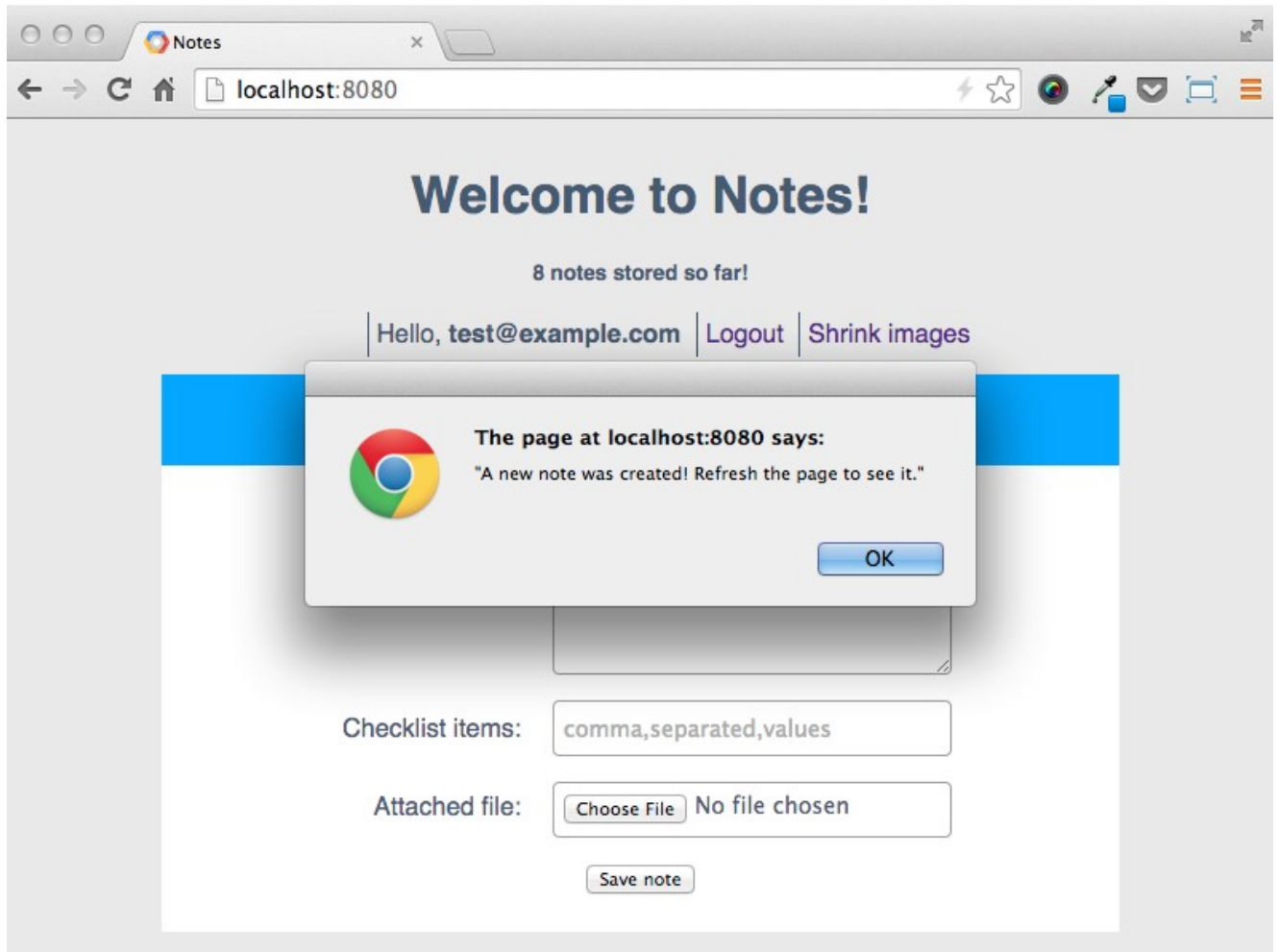
Title:

Content:

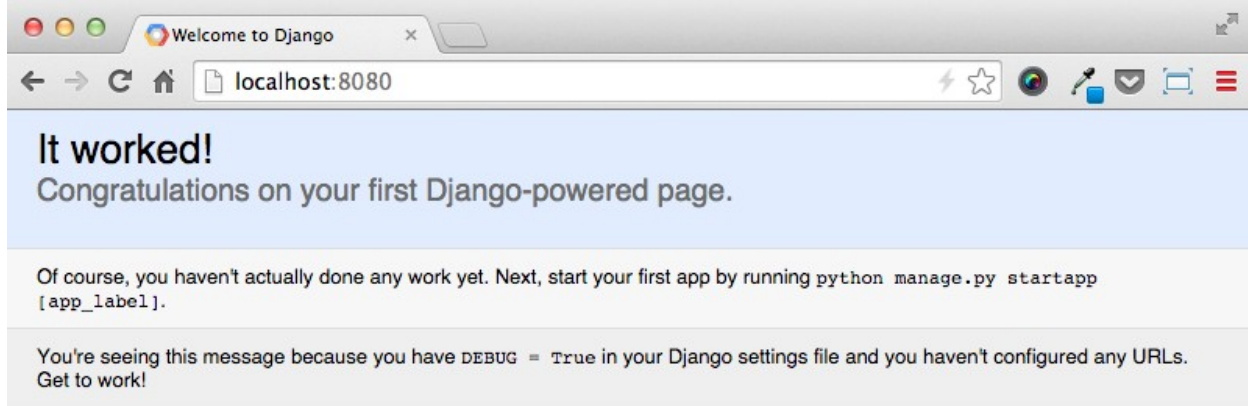
Elements Network Sources Timeline Profiles Resources Audits Console AngularJS

<top frame>  Preserve log

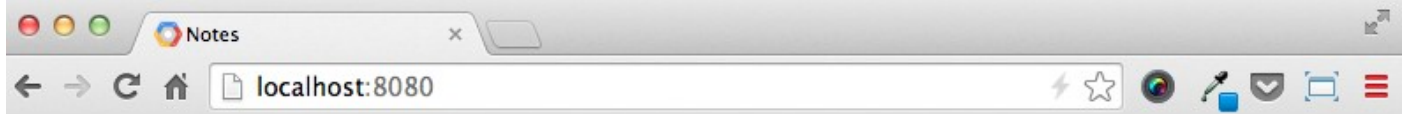
```
Channel opened! client.js:9
▶ GET http://localhost:8080/_ah/channel/dev?command=poll&channel=aa6ba35e4ce87f92...24e4c7-channel-3907484862-1413735656-notify-185804764220139124118&client=1 401 (Token+timed+out.) jsapi:5990
goodbye client.js:24
Channel opened! client.js:9
```



## Chapter 7: Building an Application with Django







# Welcome to Notes!

Built with Django 1.7.1.

Hello, **AnonymousUser**

## Add a new note

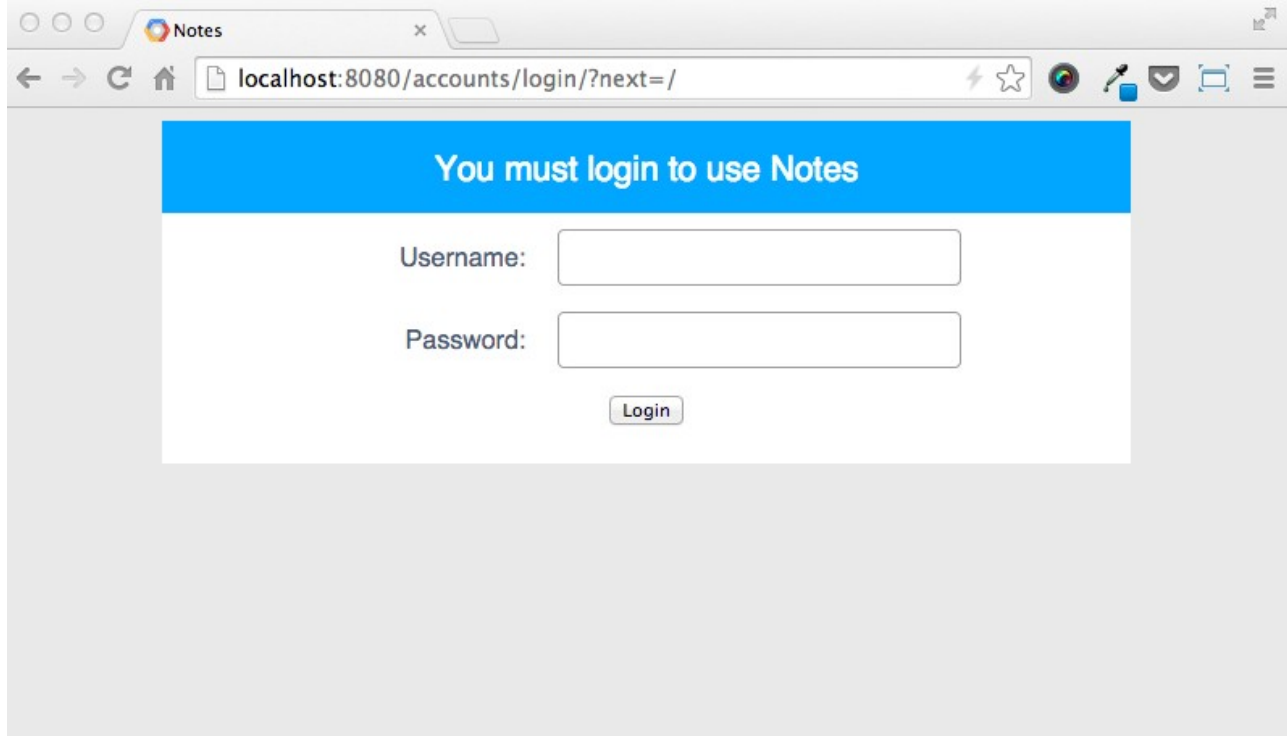
Title:

Content:

Checklist items:

Attached file:

No file chosen



## Chapter 8: Exposing a REST API with Google Cloud Endpoints



Search for services, methods, and recent requests...



## APIs Explorer



**Services**



notes API

v1

This is an API

All Versions

Request History



Search for services, methods, and recent requests...



# APIs Explorer



## Services

Services > notes API v1 > notes.notes.notesUpdate

## All Versions

Authorize requests using OAuth 2.0:  OFF

## Request History

**key**  (string)

**fields**  Selector specifying which fields to include in a partial response. [Use fields editor](#)

Request body

```
{
  "title": "A new Title"
  "content": "Updated contents"
  -- add a property --
}
```

**bold red** = required

**Execute**