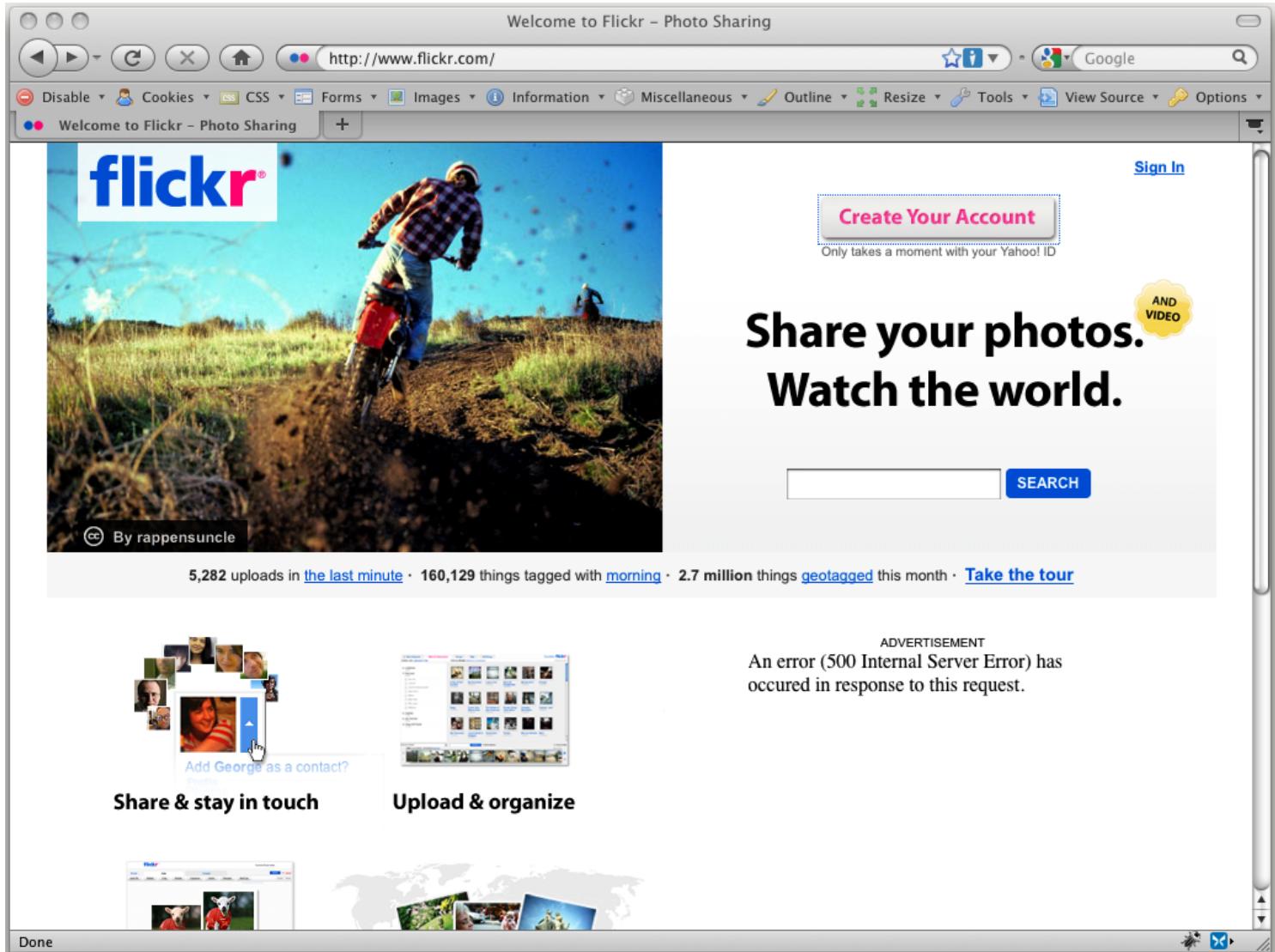


## Flickr Maps Instructions

Download and implement your own Flickr + Google Maps mash-up.

By: [chrisaiv@gmail.com](mailto:chrisaiv@gmail.com)

### Step 1



Welcome to Flickr – Photo Sharing

http://www.flickr.com/

Disable Cookies CSS Forms Images Information Miscellaneous Outline Resize Tools View Source Options

Welcome to Flickr – Photo Sharing

**flickr**

By rappensuncle

5,282 uploads in [the last minute](#) • 160,129 things tagged with [morning](#) • 2.7 million things [geotagged](#) this month • [Take the tour](#)

[Sign In](#)

[Create Your Account](#)

Only takes a moment with your Yahoo! ID

**Share your photos.  
Watch the world.**

AND  
VIDEO

SEARCH

ADVERTISEMENT

An error (500 Internal Server Error) has occurred in response to this request.

Share & stay in touch      Upload & organize

Done

The screenshot shows the Flickr homepage. At the top, there's a navigation bar with various links like 'Disable', 'Cookies', 'CSS', etc. Below that is the main header 'Welcome to Flickr – Photo Sharing' with the URL 'http://www.flickr.com/'. A large banner image features a person riding a motorcycle on a dirt path. Below the banner, it says 'By rappensuncle'. On the right side, there's a 'Create Your Account' button and a note that it only takes a moment with a Yahoo! ID. A yellow speech bubble icon with 'AND VIDEO' is next to the account creation button. Below the banner, there are two main calls-to-action: 'Share & stay in touch' and 'Upload & organize'. Under 'Share & stay in touch', there's a circular collage of user profiles and a link to 'Add George as a contact?'. Under 'Upload & organize', there's a screenshot of the Flickr interface showing a grid of photos. At the bottom right, there's an 'ADVERTISEMENT' section with the message 'An error (500 Internal Server Error) has occurred in response to this request.' The bottom of the page has a 'Done' button and standard browser control buttons.

Visit <http://flickr.com> and create a new account.

## Step 2

The screenshot shows a web browser window with the following details:

- Title Bar:** Flickr: Ok – You're all signed in.
- Address Bar:** http://www.flickr.com/signin/yahoo/?data=LnlpZCUzZhk2R0VmdGJCUXIFelpTVjjkY;☆i usc history
- Toolbar:** Includes standard browser icons like back, forward, search, and refresh, along with a "usc" button and a "USC Libraries" tab.
- Content Area:**
  - Flickr Logo:** flickr
  - Text:** Make a new Flickr account
  - Form:** Choose your new Flickr screen name
  - Note:** This can be different from your Yahoo! ID, you can change it later, and spaces are fine.
  - Text:** Note: Your use of the flickr.com site is subject to the [Yahoo! Terms of Service](#) and [Privacy Policy](#).
  - Button:** CREATE A NEW ACCOUNT
- Bottom Links:** Already have a Flickr account? You can [link your Yahoo! ID to your existing Flickr account](#). If you like, you can cancel this and [return to the home page](#).
- Page Footer:** Flickr Blog | About Flickr | Terms of Use | Your Privacy | Copyright/IP Policy | Report Abuse  
繁體中文 | Deutsch | English | Español | Français | 한글 | Italiano | Português  
Copyright © Yahoo! Inc. All rights reserved.
- Bottom Bar:** Done

Choose a new Flickr Screen Name.

## Step 3

The screenshot shows a web browser window with the URL <http://www.flickr.com/> in the address bar. The page title is "Welcome to Flickr!". The navigation menu at the top includes Home, You (selected), Organize, Contacts, Groups, and Explore. The user is signed in as "Tommy.Trojan" with one new message. A search bar and a "Search" button are also present.

The main content area features a large "Trojan!" message with a smiley face icon. To the left, a sidebar titled "Here's what you've been up to" lists "Your Photostream", "Your Sets", "Your Galleries", "Your Archives", "Your Tags", "Your Map", "Your Favorites", "Recent Activity", "Photos of You", "Upload Photos and Videos", "Your Account", "Your Profile", and "FlickrMail". Below this, a message says "You haven't uploaded any photos yet. Why not [upload your first photo now?](#)".

A "Your Contacts" section follows, with a link to "Photos From | [Photos Of](#)". A note encourages users to invite friends: "Flickr is more fun when your friends use it too! [Try a search](#) or [invite people](#) so you can keep up with their latest photos." A "More photos from your contacts" link is provided.

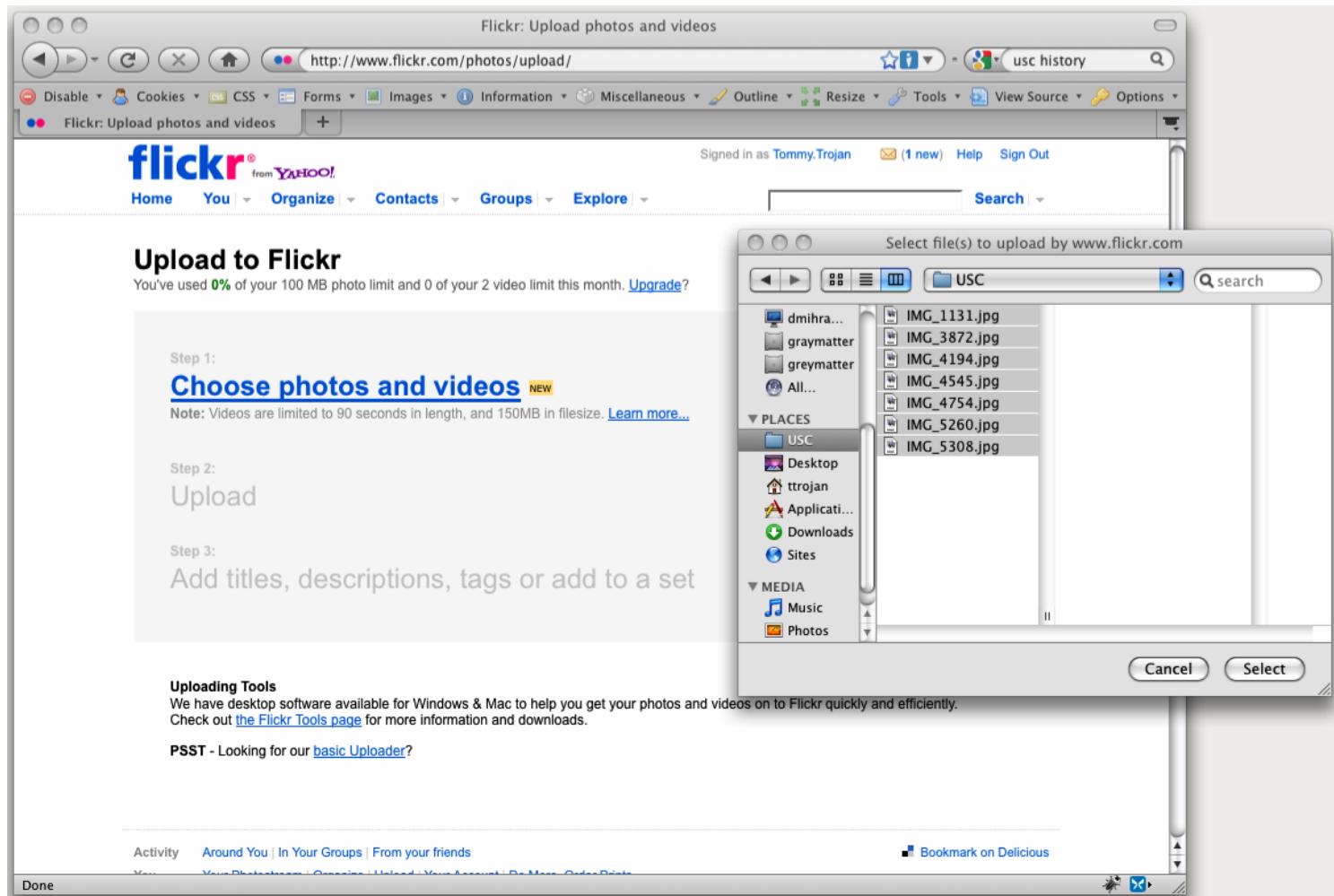
The "Explore / Interesting in the last 7 days" section is also visible.

On the right side, there is a "Get Sorted with Organizr" section featuring a "Batch edit groups of photos and videos" interface. It includes tabs for "Batch Organize", "Sets & Collections", "Groups", and "Map". Below this is a preview area showing several thumbnail images of photos.

At the bottom right, there is a "Want to go ad-free? [Get Pro!](#)" link, a "Flickr Blog" entry from "Posted 11 Nov 09" about Remembrance Day, and a small image of a poppy flower.

Navigate to the *You* tab and select the link *Upload Photos and Video* from the drop-down.

## Step 4



The *Choose photos and videos* link will open a dialog box. Navigate and select the photos you want to upload and press *Select*.

## Step 5

The screenshot shows a web browser window with the title "Flickr: Upload photos and videos" and the URL "http://www.flickr.com/photos/upload/". The browser's toolbar includes standard icons for back, forward, search, and refresh. A menu bar at the top has items like Disable, Cookies, CSS, Forms, Images, Information, Miscellaneous, Outline, Resize, Tools, View Source, Options, and a "usc history" entry. Below the menu is a navigation bar with links for Home, You, Organize, Contacts, Groups, and Explore. On the right side of the header, it says "Signed in as Tommy.Trojan" with a message count of "(1 new)", a Help link, and a Sign Out link. A search bar with a "Search" button is also present.

The main content area is titled "Upload to Flickr". It displays a list of 7 uploaded files, each with its name, size, and a "Remove?" link:

File	Size	Remove?
IMG_1131.jpg	329.6 KB	
IMG_5308.jpg	186.6 KB	
IMG_4754.jpg	173 KB	
IMG_3872.jpg	229.6 KB	
IMG_4545.jpg	157.9 KB	
IMG_4194.jpg	158 KB	
IMG_5260.jpg	188.2 KB	

Below the file list, it says "7 files | Add More" and "Total: 1.39 MB".

Underneath the file list, there is a "Set privacy" section with a link to "Show more upload settings". It contains three radio buttons:

- Private (only you see them)
- Visible to Friends
- Visible to Family
- Public (anyone can see them)

A large pink "Upload Photos and Videos" button is centered below the privacy settings.

Confirm that the *Set privacy* radio button is set to *Public*. Then select *Upload Photos and Videos*.

## Step 6

(100% complete) Flickr: Upload photos and videos http://www.flickr.com/photos/upload/ usc history

Disable Cookies CSS Forms Images Information Miscellaneous Outline Resize Tools View Source Options

(100% complete) Flickr: Upload ph... +

**flickr® from YAHOO!** Signed in as [Tommy.Trojan](#) (1 new) Help Sign Out

Home You Organize Contacts Groups Explore Search

### Upload to Flickr

You've used **0%** of your 100 MB photo limit and 0 of your 2 video limit this month. [Upgrade?](#)

File	Size
IMG_1131.jpg	329.6 KB
IMG_5308.jpg	186.6 KB
IMG_4754.jpg	173 KB
IMG_3872.jpg	229.6 KB
IMG_4545.jpg	157.9 KB
IMG_4194.jpg	158 KB
IMG_5260.jpg	188.2 KB
7 files Total: 1.39 MB	

**ADVERTISEMENT**

**OUR NEW STARBUCKS FLICKR GROUP IS READY FOR YOUR BEST SHOT.**  
SHARE YOUR SHOTS OF STARBUCKS VIA™  
**FLICKR.COM/STARBUCKS**

NEVER BE WITHOUT GREAT COFFEE  
**VIA** HEAT BOTTLED COFFEE

WIN GREAT PRIZES!

Done

Finished! Next: [add a description](#), perhaps?

**Uploading Tools**  
We have desktop software available for Windows & Mac to help you get your photos and videos on to Flickr quickly and efficiently. Check out [the Flickr Tools page](#) for more information and downloads.

**PSST - Looking for our [basic Uploader](#)?**

Once your images have uploaded, select the *add a description* link.

## Step 7

Flickr: Upload photos and videos

http://www.flickr.com/photos/upload/done/ usc history

Signed in as Tommy.Trojan (1 new) Help Sign Out

flickr from YAHOO!

Home You Organize Contacts Groups Explore Search

### Describe this upload

Or, [open in Organizr](#) for more fine-grained control.

#### Batch operations

Add Tags [?]

Add to a Set [Create a new Set...](#)

You don't have any sets yet

#### Titles, descriptions, tags

		
Title: Students Make use of the Library spaces	Title: y students make use of library spaces	Title: IMG_4545
Description: Students make use of library spaces.	Description: University students make use of library spaces.	Description:
Tags: books collaboration learning library student	Tags: books collaboration library student Students	Tags:

Done

Add Titles and Descriptions to your images then click Save.

## Step 8

Flickr: Your Photostream

http://www.flickr.com/photos/44546808@N02/?saved=1

Flickr: Your Photostream

Signed in as Tommy.Trojan (1 new) Help Sign Out

**flickr** from YAHOO!

Home You Organize Contacts Groups Explore Search

Welcome to your ph to your [profile](#), your relationship to you a All your content Most recent upload Your Sets Your Map

visual history of everything you've ever uploaded to Flickr. In addition on Flickr, though everyone enjoys a different view, depending on their it want to [organize](#) your photos or go to [your home page](#).

OK, [hide this](#)

Your photostream 7 items / 0 views Slideshow Share This

Sets | Galleries | Tags | People | Archives | Favorites | Popular | Profile

**Students Make use of the Library spaces**  
  
Students make use of library spaces.  
Anyone can see this photo (edit)  
Uploaded on Nov 11, 2009 | Delete  
0 comments

**University students make use of library spaces**  
  
University students make use of library spaces.  
Anyone can see this photo (edit)  
Uploaded on Nov 11, 2009 | Delete  
0 comments

**IMG\_4545**  
  
click here to add a description  
Anyone can see this photo (edit)  
Uploaded on Nov 11, 2009 | Delete  
0 comments

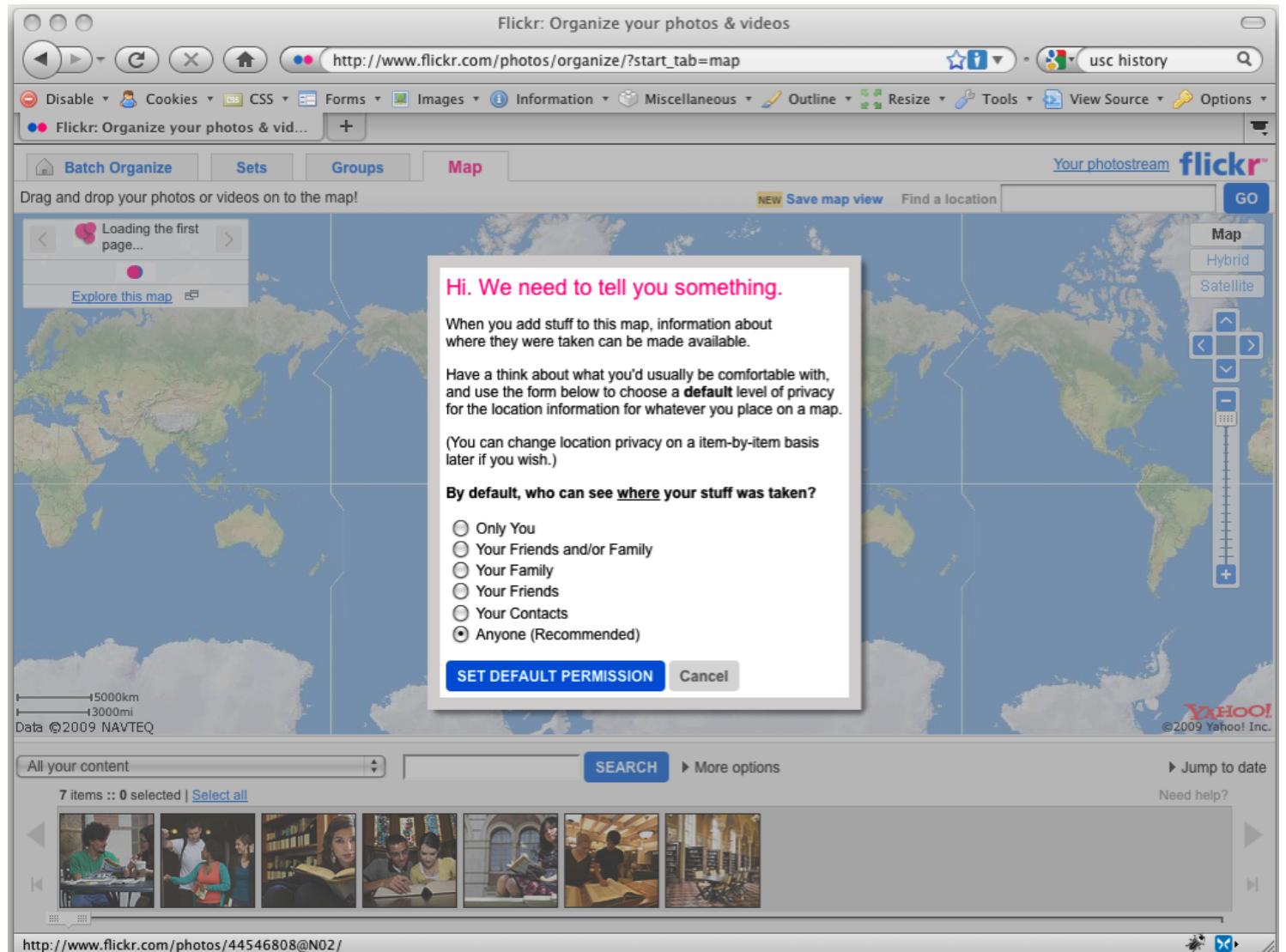
**IMG\_3872**  


**IMG\_4754**  


**IMG\_5308**  

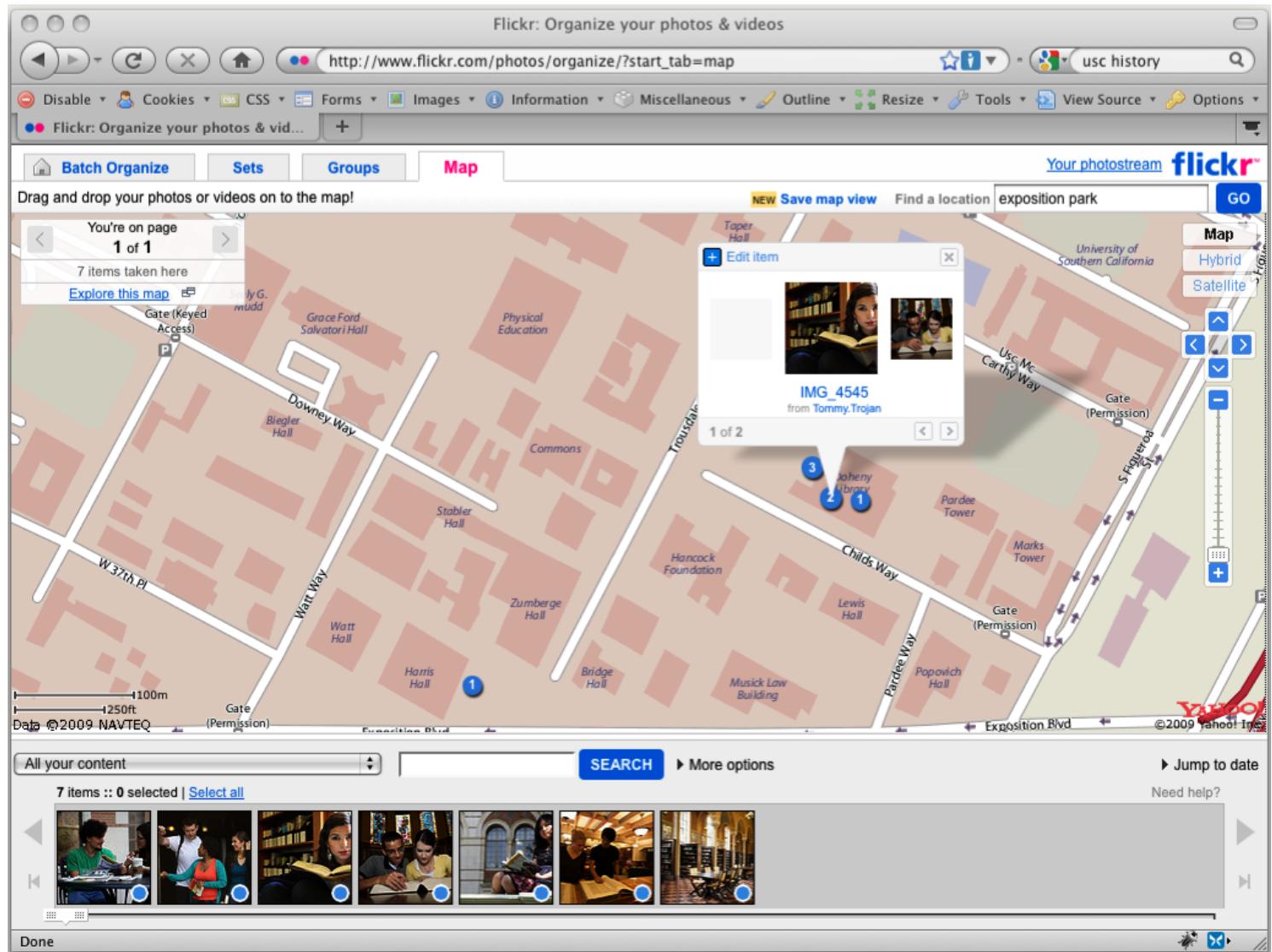

Now that Titles and Descriptions have been successfully saved, lets add Geo Coordinates to your images. Navigate to the *Organize* tab near the main menu and select *Your Map*.

## Step 9



Confirm that the radio button next to *Anyone (Recommended)* is selected and click *Set Default Permission*.

## Step 10



Use the navigational tools to focus on a geographical region, then drag the images to their appropriate geographical locations. Once all the images are geo-tagged, select the link *Your photostream*.

## Step 11

Flickr: Your Photostream

http://www.flickr.com/photos/44546808@N02/  

Flickr: Your Photostream

**flickr® from YAHOO!**

Signed in as **Tommy.Trojan** ✉ (1 new) Help Sign Out

Home You | Organize | Contacts | Groups | Explore | Search your photostream Search

Welcome to your photostream. Your photostream is a visual history of everything you've ever uploaded to Flickr. In addition to your [profile](#), your photostream is your public "face" on Flickr, though everyone enjoys a different view, depending on their relationship to you and [your privacy settings](#). You might want to [organize](#) your photos or go to [your home page](#).

**Your photostream** 7 items / 0 views

Slideshow Share This

[Sets](#) | [Galleries](#) | [Tags](#) | [People](#) | [Map](#) | [Archives](#) | [Favorites](#) | [Popular](#) | [Profile](#)

**Students Make use of the Library spaces**



Students make use of library spaces.

©  Anyone can see this photo ([edit](#))  
Uploaded on [Nov 11, 2009](#) | [Map](#) | [Delete](#)  
[0 comments](#)

**University students make use of library spaces**



University students make use of library spaces.

©  Anyone can see this photo ([edit](#))  
Uploaded on [Nov 11, 2009](#) | [Map](#) | [Delete](#)  
[0 comments](#)

**IMG\_4545**



click here to add a description

©  Anyone can see this photo ([edit](#))  
Uploaded on [Nov 11, 2009](#) | [Map](#) | [Delete](#)  
[0 comments](#)

**IMG\_3872**



**IMG\_4754**



**IMG\_5308**



Done

Record your profile id which is the alpha numeric number found in the URL address. This account ID happens to be "44546808@N02". You are now done with Flickr and ready to acquire a Google Maps API key.

## Step 12

The screenshot shows a web browser window with the following details:

- Title Bar:** Sign Up for the Google Maps API – Google Maps API – Google Code
- Address Bar:** http://code.google.com/apis/maps/signup.html
- Toolbar:** Back, Forward, Stop, Home, Refresh, Favorites, Google search bar.
- Google Code Header:** Google code e.g. "ajax apis" or "open source" Search Faster JavaScript with Closure Tools New!
- Main Content Area:**
  - Section Header:** Sign Up for the Google Maps API
  - Text:** The Google Maps API lets you embed Google Maps in your own web pages. A single Maps API key is valid for a single "directory" or domain. See this [FAQ](#) for more information. You must have a [Google Account](#) to get a Maps API key, and your API key will be connected to your Google Account.
  - Text:** Here are some highlights from the terms for those of you who aren't lawyers:
    - There is no limit on the number of page views you may generate per day using the Maps API. See this [FAQ](#) for more information.
    - There is a limit on the number of geocode requests per day. See this [FAQ](#) for more information.
    - The Maps API does not include advertising. If we ever decide to change this policy, we will give you at least 90 days notice via the [announcements lists](#).
    - If you use other APIs in conjunction with the Maps API, you should also review the terms for the other APIs. Note in particular that the [GoogleBar](#) in the JS Maps API uses the AJAX Search API, and that API has its own terms.
    - Your service must be [freely accessible](#) to end users. To use Google mapping technology in other types of applications, please use [Google Maps API Premier](#). See this [FAQ](#) for more information.
    - You may not alter or obscure the logos or attribution on the map.
    - You must [indicate whether your application is using a sensor](#) (such as a GPS locator) to determine the user's location.
    - You may use the API (except for the Static Maps API) in websites or in software applications. For websites, please sign up with the URL where your implementation can be found. For other software applications, please sign up with the URL of the page where your application can be downloaded.
    - Google will upgrade the APIs periodically. To be notified of updates, please subscribe to the [announcements lists](#).
    - Remember that we reserve the right to suspend or terminate your use of the service at any time, so please read through the [FAQ](#) and [forum posts](#) to decide whether your site meets the Terms of Use before you begin API integration.
  - Information:** Last updated: November 26, 2008
  - Form:**
    - Checklist:** I have read and agree with the terms and conditions ([printable version](#))
    - Text Input:** My web site URL:
    - Text:** Tip: Signing up a key for <http://yourdomain.com> is usually the best practice, as it will work for all subdomains and directories. See this [FAQ](#) for more information.
    - Button:** Generate API Key

Visit <http://code.google.com/apis/maps/signup.html> and signup for a Google Maps API Key. You might be required to log in using a Google account.

## Step 13

The screenshot shows a web browser window with the title "Sign Up for the Google Maps API – Google Maps API – Google Code". The URL in the address bar is <http://code.google.com/apis/maps/signup.html>. The page content is titled "Sign Up for the Google Maps API" and displays a "Thank You for Signing Up for a Google Maps API Key!" message. It shows the generated API key: ABQIAAAAqOxp6kcfPZfwjcUUUsO8YohSBPiVsk8Yy1LA9skGTksBokjxzgRS1gC4CKMqMQ5VCw-f10N-pjiuaJA. A note below the key provides information about the API key system and its usage across Google Maps API solutions.

**Sign Up for the Google Maps API**

**Thank You for Signing Up for a Google Maps API Key!**

Your key is:

ABQIAAAAqOxp6kcfPZfwjcUUUsO8YohSBPiVsk8Yy1LA9skGTksBokjxzgRS1gC4CKMqMQ5VCw-f10N-pjiuaJA

**Note:** for more information on the API key system, consult <http://code.google.com/apis/maps/faq.html#keysystem>.

How you use your key depends on what Maps API product or service you use. Your key is valid for use within the entire family of Google Maps API solutions. The following examples show how to use your key within the Maps API product family.

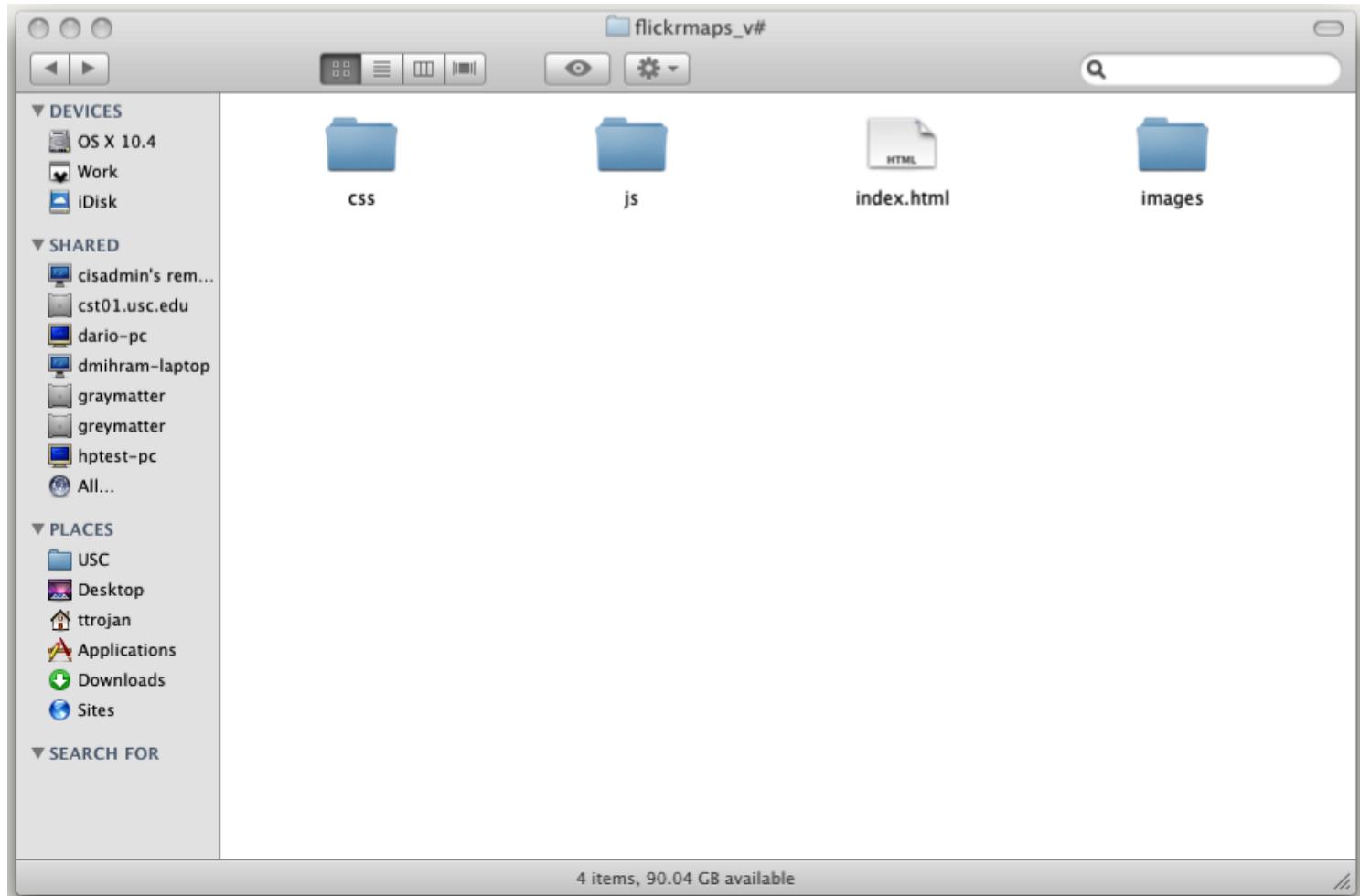
Upon successful log-in, you will be granted a API key. You are now finished with Google Maps. The next step is to mash up Google Maps and Flickr.

## Step 14

The screenshot shows a web browser window with the title "flickrmaps - Project Hosting on Google Code". The URL in the address bar is <http://code.google.com/p/flickrmaps/>. The browser's toolbar includes standard icons for back, forward, search, and refresh. A user profile "chrisaiv" is visible in the top right corner. The main content area displays the "flickrmaps" project page. At the top left is the project logo, which is a green icon of a computer monitor with a map on it. Below the logo is the text "flickrmaps" and "Flickr + Google Maps Mashup". A navigation menu at the top includes "Project Home", "Downloads", "Wiki", "Issues", and "Source". Below the menu, a blue header bar contains links for "Summary", "Updates", and "People". The main content area has a light gray background. It features a section titled "Show where in the world you took a particular picture using Google Maps, Flickr, and Geo-Coding." To the right of this text are several project details: "Code license: MIT License", "Labels: flickr, map, jquery", "Featured downloads: [flickrmaps\\_v1.2.zip](#) (Show all)", "Feeds: [Project feeds](#)", and "Project owners: chrisaiv". At the bottom of the page, there is a footer with links to "Code Home", "Terms of Service", "Privacy Policy", "Site Directory", and "Project Hosting Help". It also states "Hosted by code".

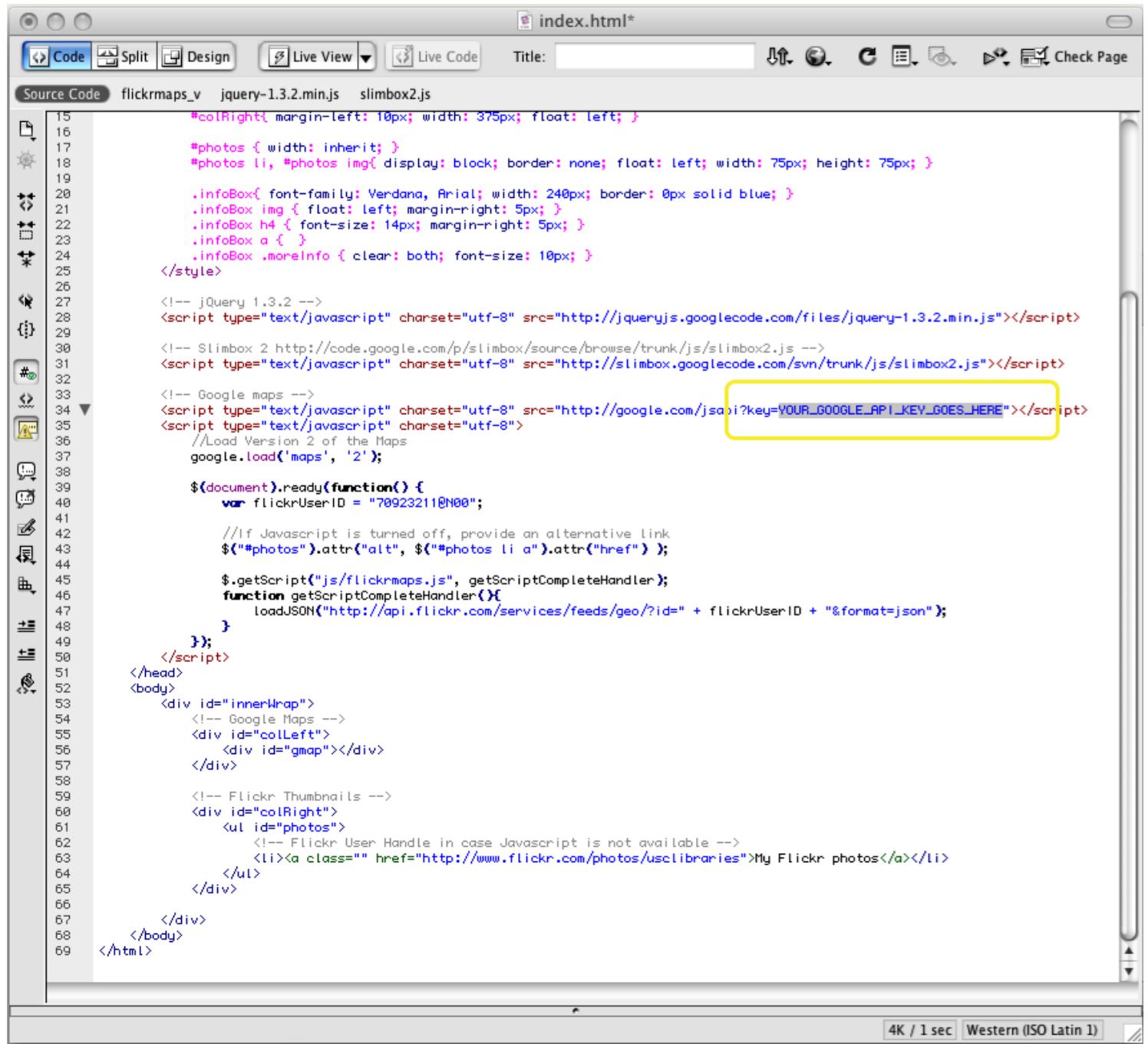
Visit <http://code.google.com/p/flickrmaps/> and download the Zip package found beneath *Featured downloads*.

## Step 15



Navigate to the /flickrmaps directory that you extracted and open "index.html" a text editor such as Dreamweaver, TextMate, BBEdit, or Notepad.

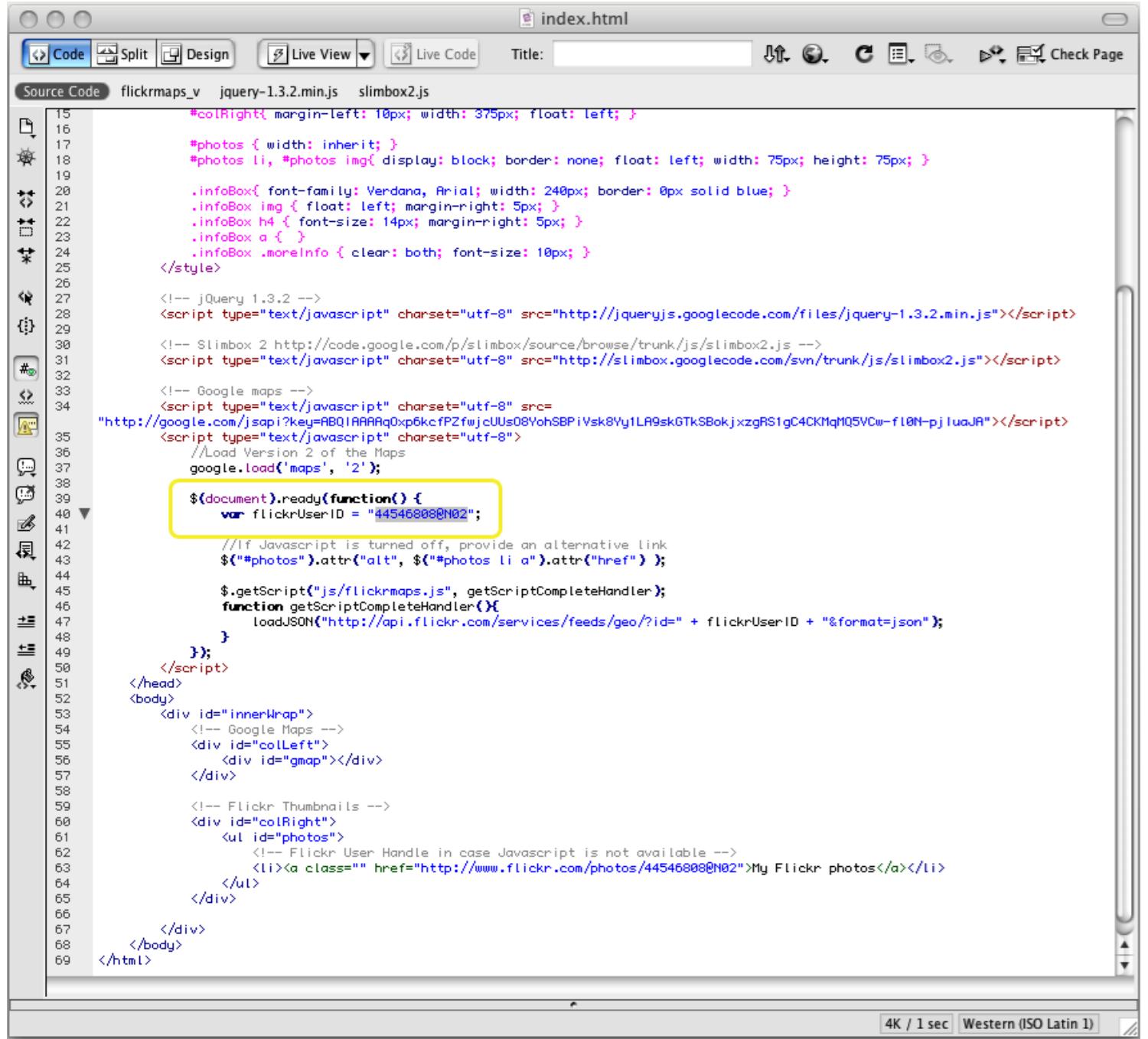
## Step 16



```
index.html*
Source Code flickrmaps_v jquery-1.3.2.min.js slimbox2.js
15     #colRight{ margin-left: 10px; width: 375px; float: left; }
16
17     #photos { width: inherit; }
18     #photos li, #photos img{ display: block; border: none; float: left; width: 75px; height: 75px; }
19
20     .infoBox{ font-family: Verdana, Arial; width: 240px; border: 0px solid blue; }
21     .infoBox img { float: left; margin-right: 5px; }
22     .infoBox h4 { font-size: 14px; margin-right: 5px; }
23     .infoBox a { }
24     .infoBox .moreInfo { clear: both; font-size: 10px; }
25
26
27     
28     <script type="text/javascript" charset="utf-8" src="http://jqueryjs.googlecode.com/files/jquery-1.3.2.min.js"></script>
29
30     
31     <script type="text/javascript" charset="utf-8" src="http://slimbox.googlecode.com/svn/trunk/js/slimbox2.js"></script>
32
33     <!-- Google maps --&gt;
34     &lt;script type="text/javascript" charset="utf-8" src="http://google.com/jsapi?key=YOUR_GOOGLE_API_KEY_Goes_Here"&gt;&lt;/script&gt;
35     &lt;script type="text/javascript" charset="utf-8"&gt;
36         //Load Version 2 of the Maps
37         google.load('maps', '2');
38
39         $(document).ready(function() {
40             var flickrUserID = "70923211@N00";
41
42             //If Javascript is turned off, provide an alternative link
43             $("#photos").attr("alt", $("#photos li a").attr("href"));
44
45             $.getScript("js/flickrmaps.js", getScriptCompleteHandler);
46             function getScriptCompleteHandler(){
47                 loadJSON("http://api.flickr.com/services/feeds/geo/?id=" + flickrUserID + "&amp;format=json");
48             }
49         });
50     &lt;/script&gt;
51 &lt;/head&gt;
52 &lt;body&gt;
53     &lt;div id="innerWrap"&gt;
54         <!-- Google Maps --&gt;
55         &lt;div id="colLeft"&gt;
56             &lt;div id="gmap"&gt;&lt;/div&gt;
57         &lt;/div&gt;
58
59         <!-- Flickr Thumbnails --&gt;
60         &lt;div id="colRight"&gt;
61             &lt;ul id="photos"&gt;
62                 &lt;!-- Flickr User Handle in case Javascript is not available --&gt;
63                 &lt;li&gt;&lt;a class="" href="http://www.flickr.com/photos/usclibraries"&gt;My Flickr photos&lt;/a&gt;&lt;/li&gt;
64             &lt;/ul&gt;
65         &lt;/div&gt;
66
67     &lt;/div&gt;
68 &lt;/body&gt;
69 &lt;/html&gt;</pre>
```

Find and replace the text "YOUR\_GOOGLE\_API\_KEY\_Goes\_Here" with your new Google Maps API Key.

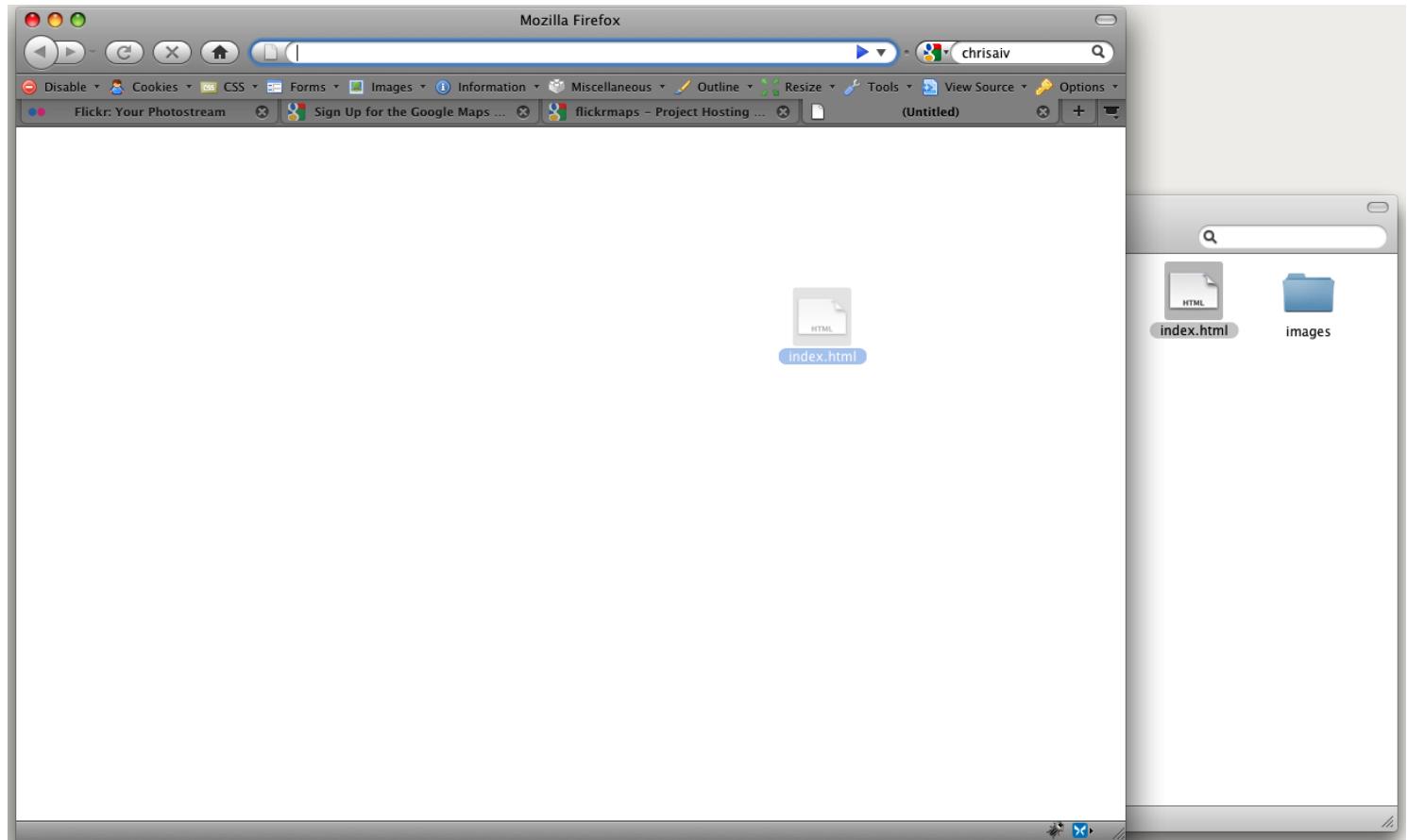
## Step 17



```
index.html
Code Split Design Live View Live Code Title: Check Page
Source Code flickrmaps_v jquery-1.3.2.min.js slimbox2.js
15     #colRight{ margin-left: 10px; width: 375px; float: left; }
16
17     #photos { width: inherit; }
18     #photos li, #photos img{ display: block; border: none; float: left; width: 75px; height: 75px; }
19
20     .infoBox{ font-family: Verdana, Arial; width: 240px; border: 0px solid blue; }
21     .infoBox img { float: left; margin-right: 5px; }
22     .infoBox h4 { font-size: 14px; margin-right: 5px; }
23     .infoBox a { }
24     .infoBox .moreInfo { clear: both; font-size: 10px; }
25
26
27     
28     <script type="text/javascript" charset="utf-8" src="http://jqueryjs.googlecode.com/files/jquery-1.3.2.min.js"></script>
29
30     
31     <script type="text/javascript" charset="utf-8" src="http://slimbox.googlecode.com/svn/trunk/js/slimbox2.js"></script>
32
33     
34     <script type="text/javascript" charset="utf-8" src=
35 "http://google.com/japi?key=ABQIAAAAq0xp6kcfP2fwjcUUs08YohSBPiVsk8Vg1LR9skGTkBokjxzgRS1gC4CKMqM05VCw-fI0N-pj1uaJR"></script>
36         <script type="text/javascript" charset="utf-8">
37             //Load Version 2 of the Maps
38             google.load('maps', '2');
39
40             $(document).ready(function() {
41                 var flickrUserID = "44546800@N02";
42
43                 //If Javascript is turned off, provide an alternative link
44                 $('#photos').attr("alt", $('#photos li a').attr("href"));
45
46                 $.getScript("js/flickrmaps.js", getScriptCompleteHandler);
47                 function getScriptCompleteHandler(){
48                     loadJSON("http://api.flickr.com/services/feeds/geo/?id=" + flickrUserID + "&format=json");
49                 }
50             });
51         </script>
52     </head>
53     <body>
54         <!-- Google Maps -->
55         <div id="colLeft">
56             <div id="gmap"></div>
57         </div>
58
59         <!-- Flickr Thumbnails -->
60         <div id="colRight">
61             <ul id="photos">
62                 <!-- Flickr User Handle in case Javascript is not available -->
63                 <li><a class="" href="http://www.flickr.com/photos/44546800@N02">My Flickr photos</a></li>
64             </ul>
65         </div>
66
67     </div>
68 </body>
69 </html>
```

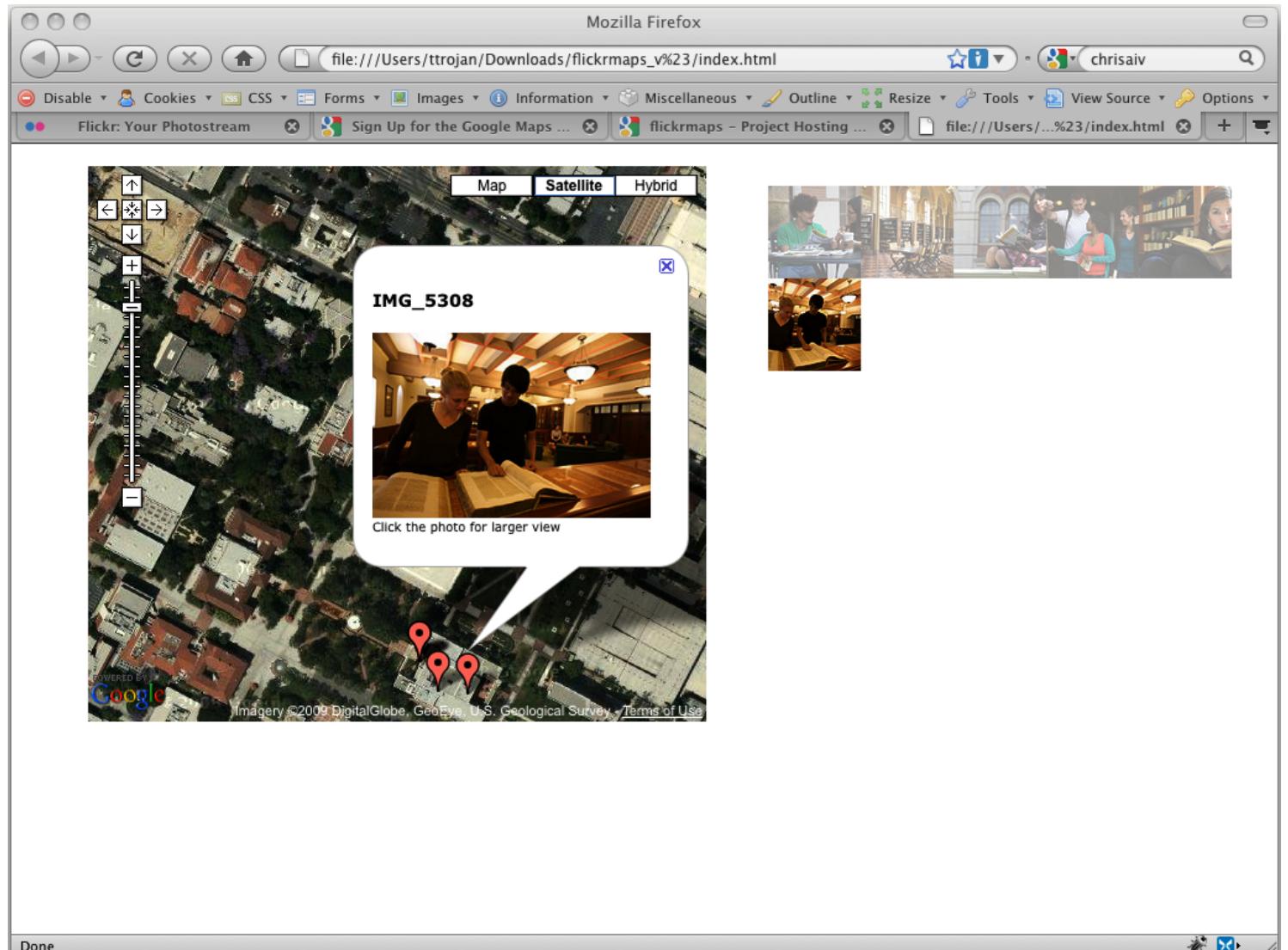
Find and replace the text titled *var flickrUserID* with your Flickr User/Account ID.

## Step 18



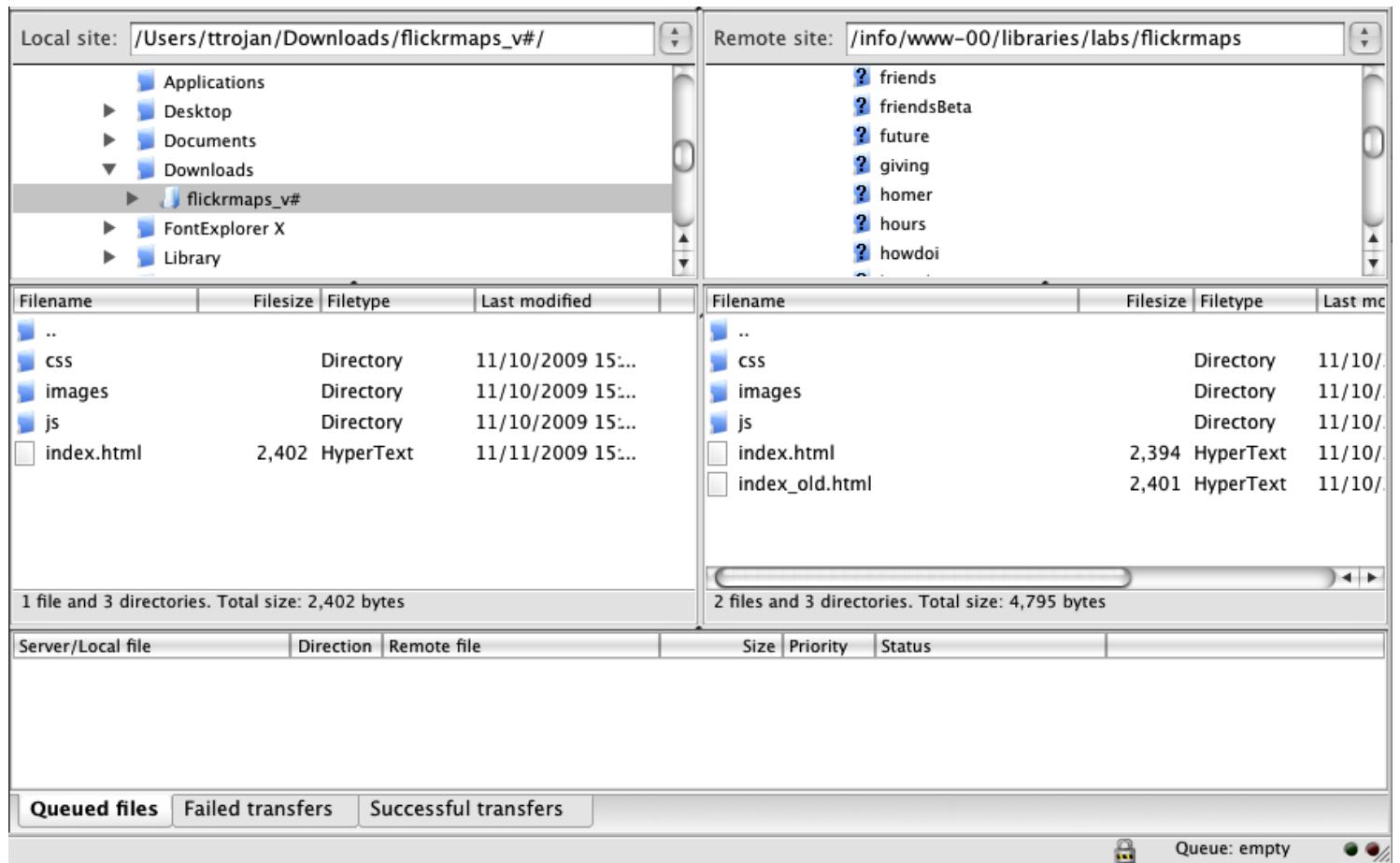
If you'd like to double check your work, simply open a new tab or browser window and load *index.html*.

## Step 19



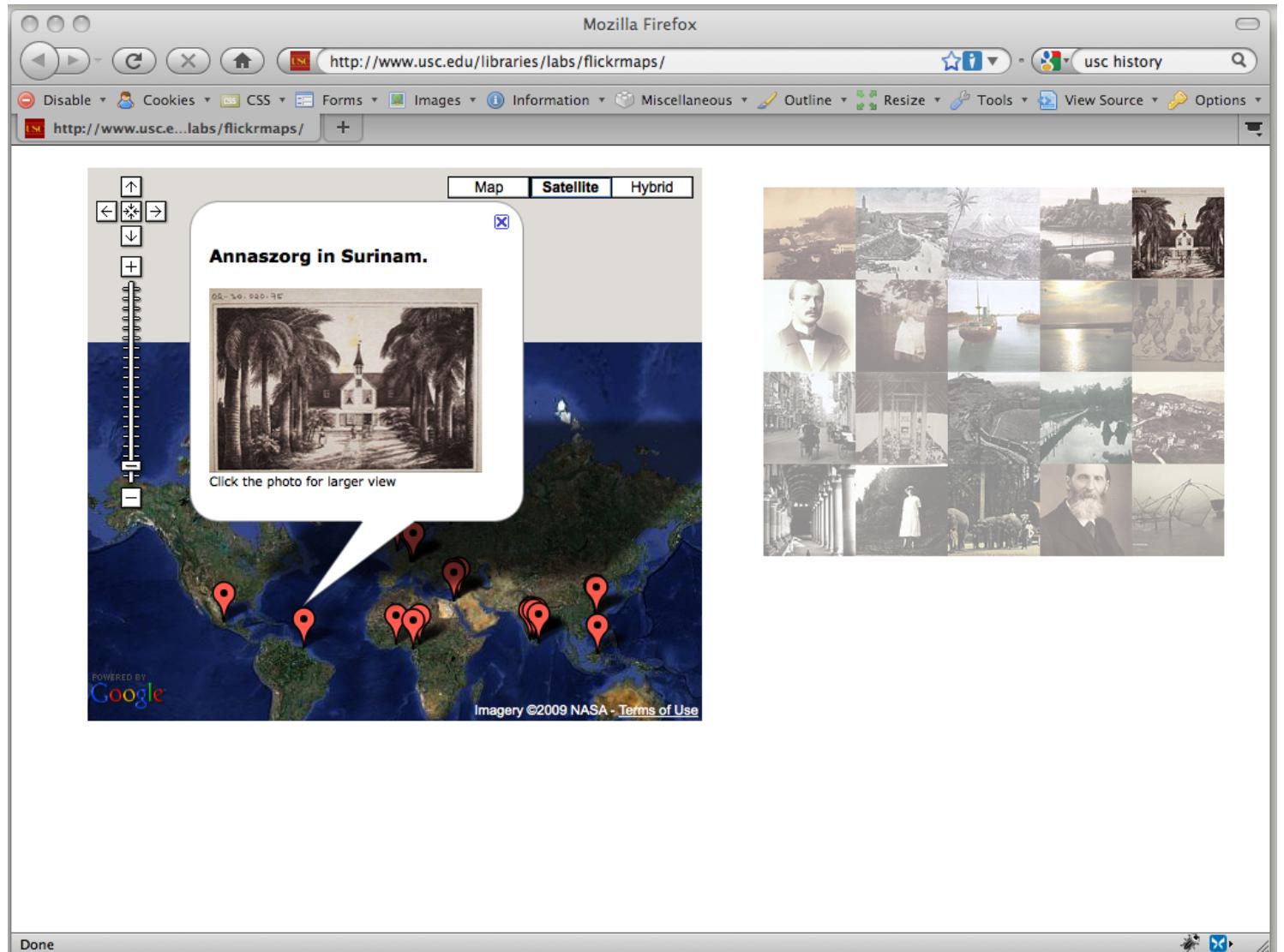
You can always customize the image gallery using XHTML and Cascading Style Sheets.

## Step 20



The final step is to use an FTP application such as Filezilla (<http://filezilla-project.org/download.php?type=client>) to upload the three directories ( /css, /images, /js ) and index.html to your personal server.

## Step 21



You're done!