

## CIS 216 Assignment 5

## Deitel Chapter 28 Asynchronous Programming

Assignment: Run the CH 28 Code Example FlickrViewer

[www.flickr.com](http://www.flickr.com) is free picture hosting site.

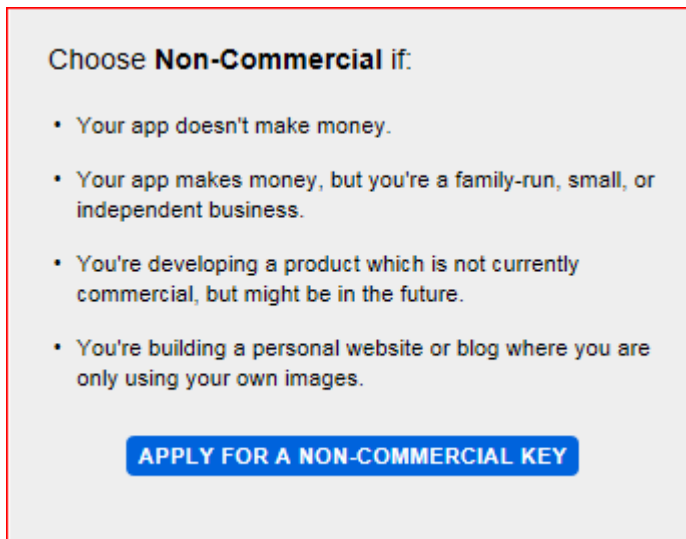
You will need a Yahoo or ATT signon to access flickr.com.  
Create an account if you do not have one.

<https://www.flickr.com/>

1. Obtain your own API key

Go to <http://www.flickr.com/services/apps/create/apply>

2. Create an account and request an Non-Commercial API key



The screenshot shows a form titled "Choose **Non-Commercial** if:". Below the title is a bulleted list of four conditions:

- Your app doesn't make money.
- Your app makes money, but you're a family-run, small, or independent business.
- You're developing a product which is not currently commercial, but might be in the future.
- You're building a personal website or blog where you are only using your own images.

At the bottom of the form is a blue button with the text "APPLY FOR A NON-COMMERCIAL KEY".

3. Modify the Form title to include your name.

4. Enter your key in the FlickrViewer code

```
// Use your Flickr API key here--you can get one at:  
// http://www.flickr.com/services/apps/create/apply  
private const string KEY = "YOUR API KEY HERE";
```

5. Make sure the code that calls the service is current. ( uses https NOT http)

```
// Flickr's web service URL for searches  
var flickrURL = "https://api.flickr.com/services/rest/?method=" +  
$"flickr.photos.search&api_key={KEY}&tags={inputTextBox.Text.Replace(" ", ",")}" +  
$"&tag_mode=all&per_page=500&privacy_filter=1";
```

6. Run the FlickrViewer and test it using the tags pdeitel flowers.

7. Change the tags to acook treehouse

8. Submit a screen shot of the form with your name showing a treehouse picture.

