



Image Scroll View

The goal of this test is to create a responsive single-page app which will show a list of images retrieved from Flickr API. The app should have a front-end and a back-end component, behaving as follows:

1. Front end, which offers two columns. Image thumbnails down the left hand side and the title of the image down the right hand side.
2. The app should provide an infinite scroll experience
3. There should be a back-end component, written as a node module, which performs the fetching of images. You don't want your API key out in the public, after all :)
4. The app should hold an open connection to the server, taking incremental updates (i.e. no poll).

Extra points

For extra points, you can do the following:

- Add a 'sort alphabetically' option, to sort the images on the front-end
- Use some CSS library to customize columns, add nice colors, buttons, padding, etc.

API details

Key: 00ac5f70d662304b87e7da585bbdef9d

Secret: aff70630a261a66a

You can use [Flickr-sdk](#) NPM package. Or you can construct image URLs according to the following documentation: <https://www.flickr.com/services/api/misc.urls.html>

Here is a simple example:

Image object from query response:

```
{ "farm": "6", "id": "31253663191", "isfamily": "0", "isfriend": "0", "ispublic": "1", "owner": "146037960@N02", "secret": "d3da9dc2ef", "server": "5509", "title": "First snow in Seoul" },
```

The URL you will construct to retrieve a medium size image

https://farm6.staticflickr.com/5509/31253663191_d3da9dc2ef.jpg

If you struggle to get Flickr API working, you can use this API <https://picsum.photos/> to generate many photos of various dimensions (100x200, 200x300, 400x300, etc.).

Example of random 200 by 300 photo API URL: <https://picsum.photos/200/300>

This redirects to random image with same dimensions, e.g.: <https://i.picsum.photos/id/169/200/300.jpg>