Hey guys,

I just finish our first prototype.

You can view it from <http://www.zhushigang.info/>

(pending Owen to point his BUsale.com to my server).

Here’s how it works:

This prototype searches the keyword entered through the images on Instagram tagged with ‘Hashtag’ and returns the image along with user ID and caption which is tagged with the ‘Hashtag’ keyword and contains the search keyword in the caption.

Limitation: it only makes 10 API calls to Instagram so it only returns the most recent results. Also, calling the api 10 times takes some time so the page doesn't load very fast. If no result is found then you will see a blank page.

I have attached index.html and fetch.php which are the source files for this prototype to this email.

So the Instagram API basically returns a json file which contains all the data. I have also attached a sample from instagram.com/developer to this email.

Other things that you may want to know:

1. This prototype website is basically a LAMP stack. I pulled it up using AWS ec2.
2. I have attached the .ppk file which is the private key to login to the server. You can use WinSCP or other file transfer tools to modify the files on the server. Choose SFTP for file protocol, Host name is zhushigang.info (54.165.61.43); Port number 22; username ec2-user; leave the password blank and choose the attached .ppk file as the private key. This will allow you to login.
3. Feel free to modify any source file I’ve written and test it out on the server. The html and php files are located in /var/www/html as default in Apache.
4. Since this is only a prototype, version control is not necessary. But for the real thing, I recommend to use either git or svn as the version control.
5. I have set up a svn server (svn.zhushigang.info). You don’t need credential to check out the repository but you do need username and password to commit file to the server. So I have assigned everyone username and password as: username: ’your first name’; password: ’your bu username before @bu.edu’. I can switch to git if this is more convenient for all of us. : )

Cheers,

Shigang