

## Web Comparison Documentation

1. Will the program ever break?  
The program doesn't break as long as there is no change in the source code
2. Does it need an update just like windows or other software due to bugs?  
This is a simple program in terms of usage, just like your car digital mileage/gas usage/microwave timer, they don't need updates.
3. What types of files can I upload?  
CSV is the only file you can upload, last time I check, there was no xml module for python.
4. I need to make changes to the code?  
Improving the code is always a good move. However, make sure you understand the fundamentals of Python and Django, understand the code lines per lines.

### How do I boot up web comparison program?

1. Boot up the server.
2. Open PyCharm by clicking start then type py, then pycharm should appear in the search box. hit enter, it should open filecomparison folder automatically, leave pycharm running in background, just minimize it, but don't close it.
3. Run cmd as administrator, if you see "C:\Windows\system32>" Type "cd.." to get you to the C root. Once you see "C:\>" then type cd users/public/documents/pycharmprojects/filecomparison.
4. Once you see "C:\Users\Public\Documents\PycharmProjects\filecomparison>" then type "workon py1" hit enter.
5. If you see "<py1> C:\Users\Public\Documents\PycharmProjects\filecomparison>" then type "python manage.py runserver 0.0.0.0:8000"
6. Test the website by opening <http://andre-server> in the browser inside the server and normal computer.

### Important Notes:

1. This program was designed in windows server environment, it was tested running 100% in windows 2012 r2 standard. So, if you plan to use it in another environment, it might not work, although in theory, it should be fine.
2. This program does not automatically detect paths and all the paths are hardcoded. That means, if you install it in a different environment, make sure you change the code
3. What is "workon py1?" It is a command to boot up Django environment, kinda like Windows environment, without "workon py1" you cant boot up the web comparison
4. What is "python manage.py runserver 0.0.0.0:8000?" python manage.py runserver is a command to boot up Django. What sup with 0.0.0.0:8000? It is a command line to boot the website (not the environment). 0.0.0.0 is to allow every host taps into this server. That means, if you are planning to publish this website for everyone in the network, type 0.0.0.0. What about 8000? It's the port, I use port 8000 and don't change it. If you really need to change it, make sure you do it in "C:\intepub\wwwroot\iistart.htm" as well

5. What is iistart.htm and is it important? Very important, because iistart.htm is the bridge that connects server and external clients. You can open iistart.htm using Notepad, or Notepad++ to help you see better
6. Can two users use this website at the same time and get the results? I don't think it can do that.

Question? Shoot me an email at [andre.prawira@outlook.com](mailto:andre.prawira@outlook.com)