

Why are there so many snakes?



- The Good:
- Created by a professional engineering firm
  - Very easy to learn (compared to other languages)
  - Seamlessly handled units
  - Comfort, AguaClara has been using MathCAD from the beginning

- The Bad:
- Errors were very difficult to troubleshoot
  - Not free
  - Becoming obsolete



The Good:

- Free
- Huge community and functionality
- Used worldwide
- Faster than MathCAD

The Bad:

- Ugly interface
- OMG CSI?!?!?!?!!!!!!!11!!!
- Math and units don't come naturally
- Having to re-create the entire AguaClara design code in a new language

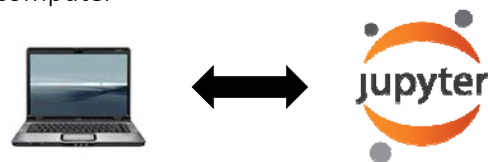
Make Python beautiful (again?)



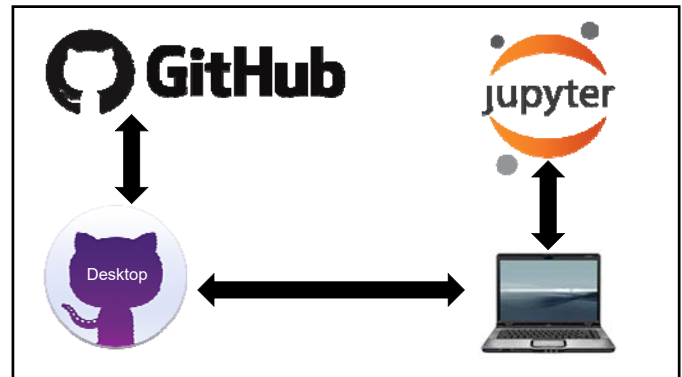
Math and unit functionality



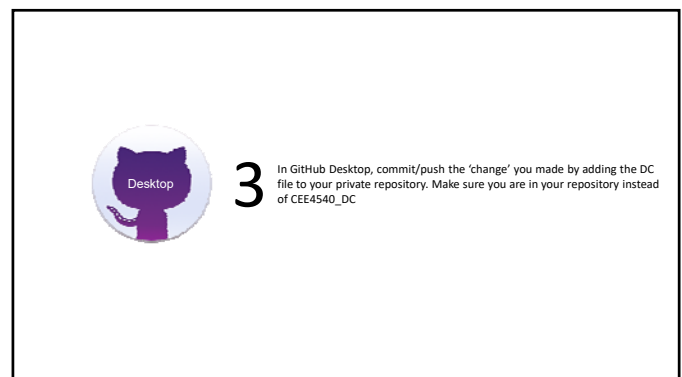
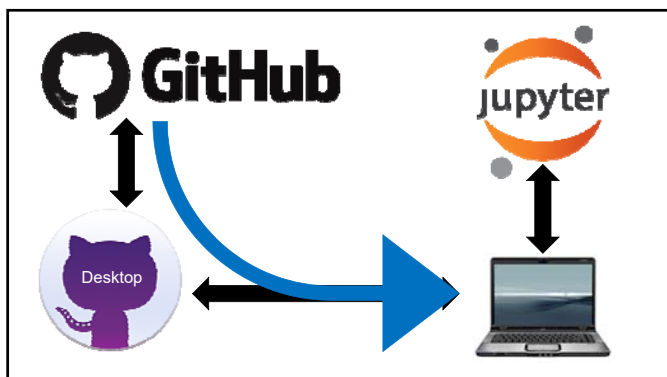
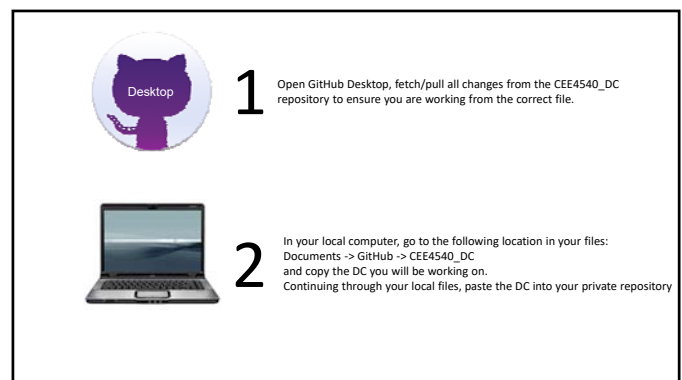
Jupyter accesses files stored locally on your computer

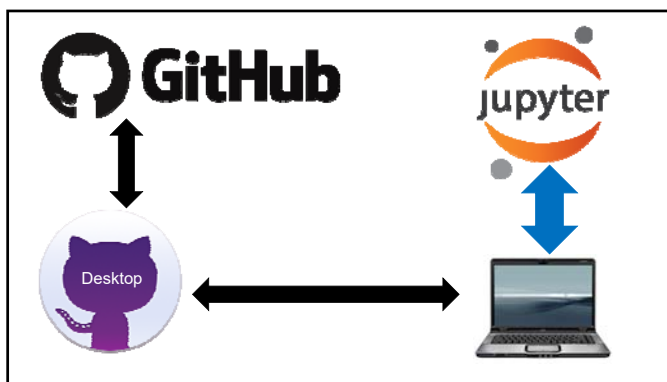
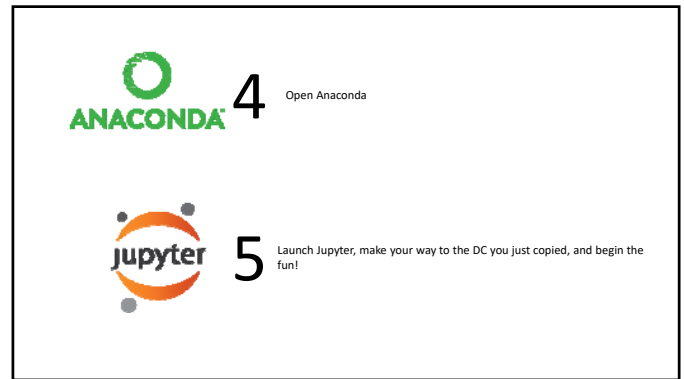
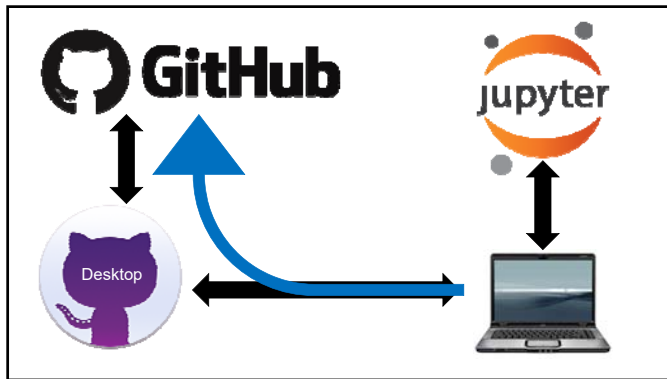


The Internet as storage



What this means for you:  
How to begin working on your  
design challenges





As of now you should be able to access DC Python Tutorial

And that means you have all the tools to finish it

Start early!

Like, today

It's Friday at 1pm. So if you  
don't do it now, you're not  
gonna do it today

So get started, write some  
code!