## CS2014 Systems Programming

Lectures:

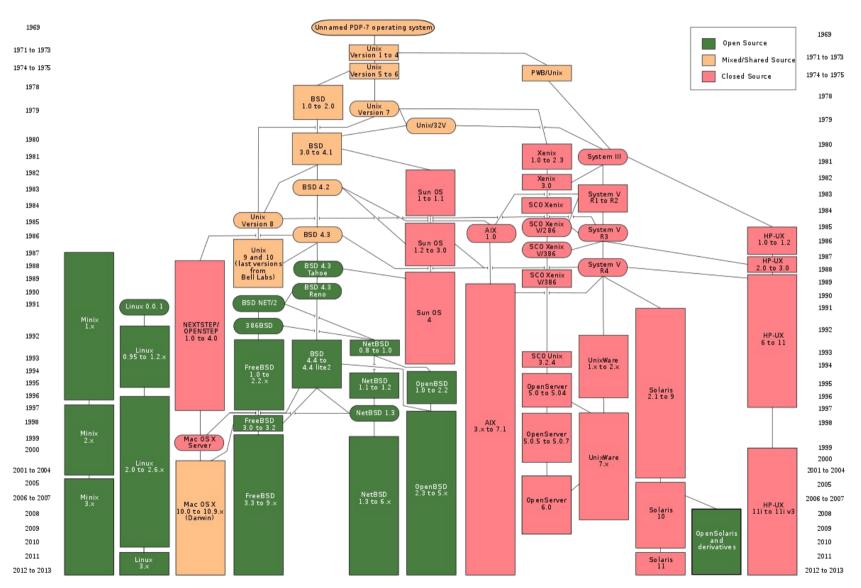
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## Operating Systems Stuff



https://en.wikipedia.org/wiki/File:Unix\_history-simple.svg

## Operating Systems Stuff

- There's lots of history!
  - Previous slides omits lots, e.g. SINIX was a Siemens-Nixdorf variant I used work on
    - https://en.wikipedia.org/wiki/SINIX
- Just Linux has loads and loads of distros...
  - https://upload.wikimedia.org/wikipedia/commons/1/1b/Linux\_
     Distribution\_Timeline.svg
- The ones I currently care about:
  - Ubuntu (installed on LG12 lab machines)
  - OpenWRT

## Linux: getting-started

- Ubuntu desktop GUI is fairly obvious
- Command line may be less familiar to some of you, but is what we'll be using
- Hint#1: Ctrl-alt-t gets you a command line...
- And with that, we'll head over to:
  - https://down.dsg.cs.tcd.ie/cs2014/examlpes/shell/ README.html