* Course Overview
  + Installing docker(docker for windows vs docker on windows)
  + Command line
  + Host static web site
  + Build images
  + Databases in containers
  + Web application and databases with docker compose
* Installing Software Is Often Pai..
  + Docker simplifies software interaction
    - Installing, starting, stoping, building, etc
* Challenges Discovering Software
  + Find correct version
  + Then download it
  + Extract it and run installer
  + Run it
* Challenges with Software Installation
  + OS/Build compatibility
  + Format
    - Source, executable, executable + libraries, executable + libraries + runtime
  + Installers, package managers, manual install
* Challenges with Running Software
  + Documentation
  + Path of software
  + Staring, stoping
  + Service registration
  + Licenses
  + Installing and running dependencies
  + Security and sandboxing
  + Breaking changes updates
* Containers Are About Software
  + Docker and containers are about running software
  + Image: packaged up application
    - Kinda like a zip file
* Installing and Running MongoDB
  + Traditional
    - Search for mongodb
    - Download right version
    - Run installer
    - Set up mongodb environment
    - Make data directory
    - Then run mongod.exe
    - Run mono.exe
* Finding Software on Docker Hub
  + Search for mongodb docker
  + Click on ‘library/mongo’
  + Pull the image(docker pull)
    - Contains application and dependency
* Downloading Software with docker
  + Type ‘docker pull mongo:windowsservercore’
  + Take image and run it in a container
  + Container: like installed software
    - Install step
  + Running container
    - Run step
* Running Software in a Container