

Who Ever Said Programs
Were Supposed to be
Pretty?

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foote@laputan.org



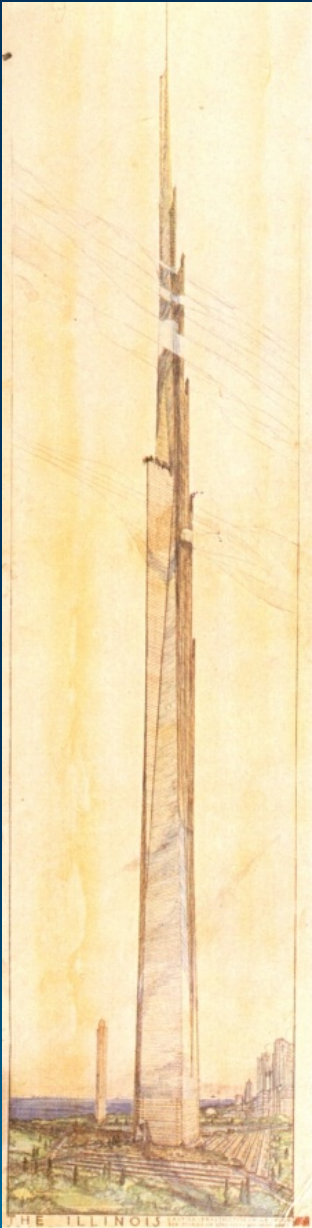
A Scene from a Nightmare



Computational Clairvoyance



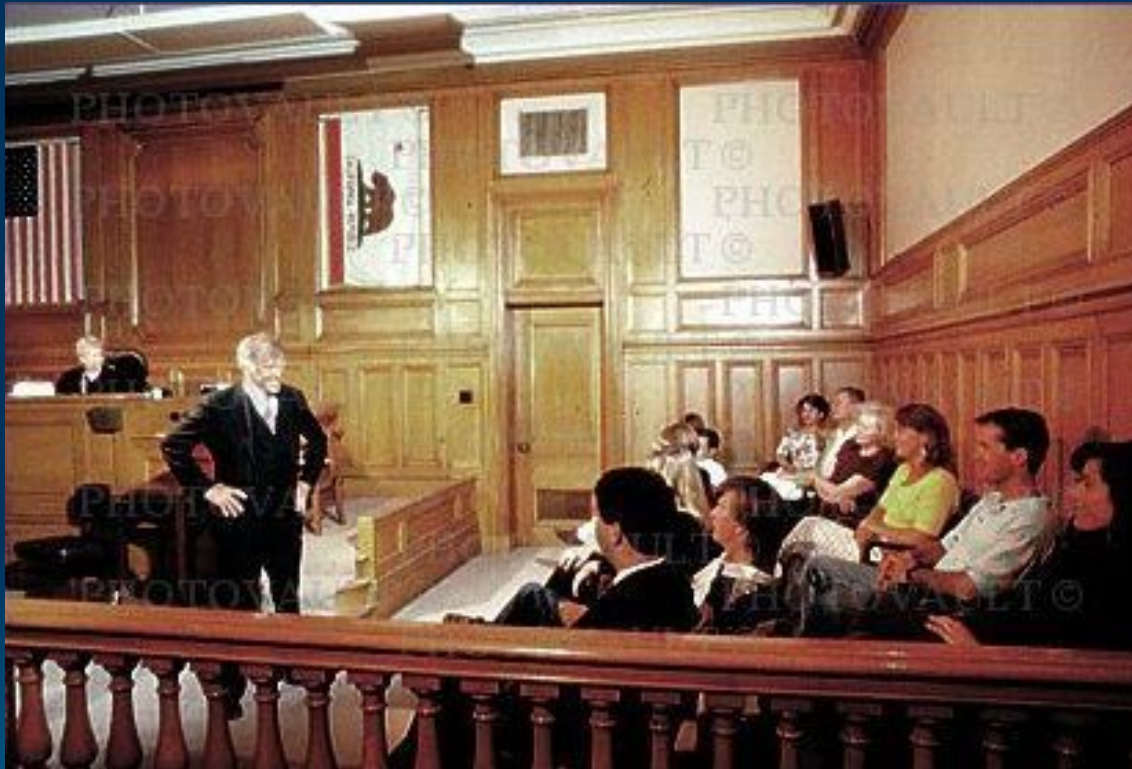
Big Ball of Mud



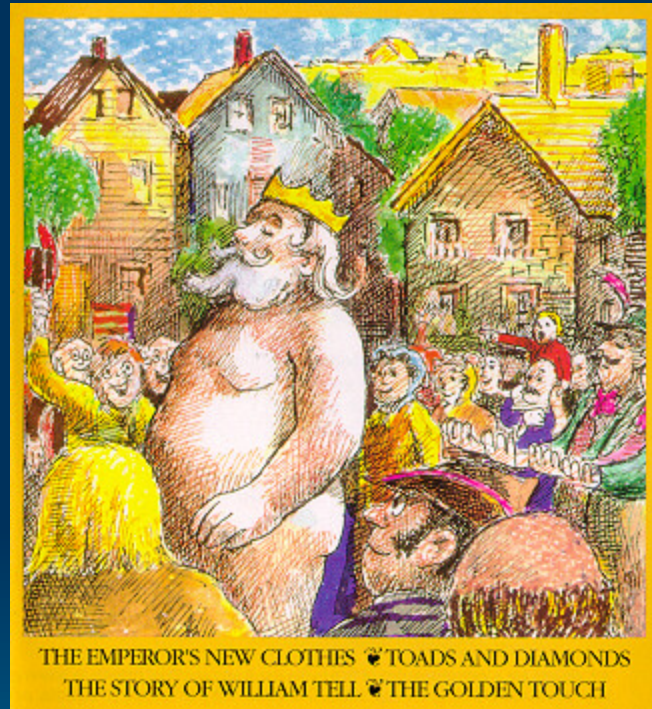
Shantytown



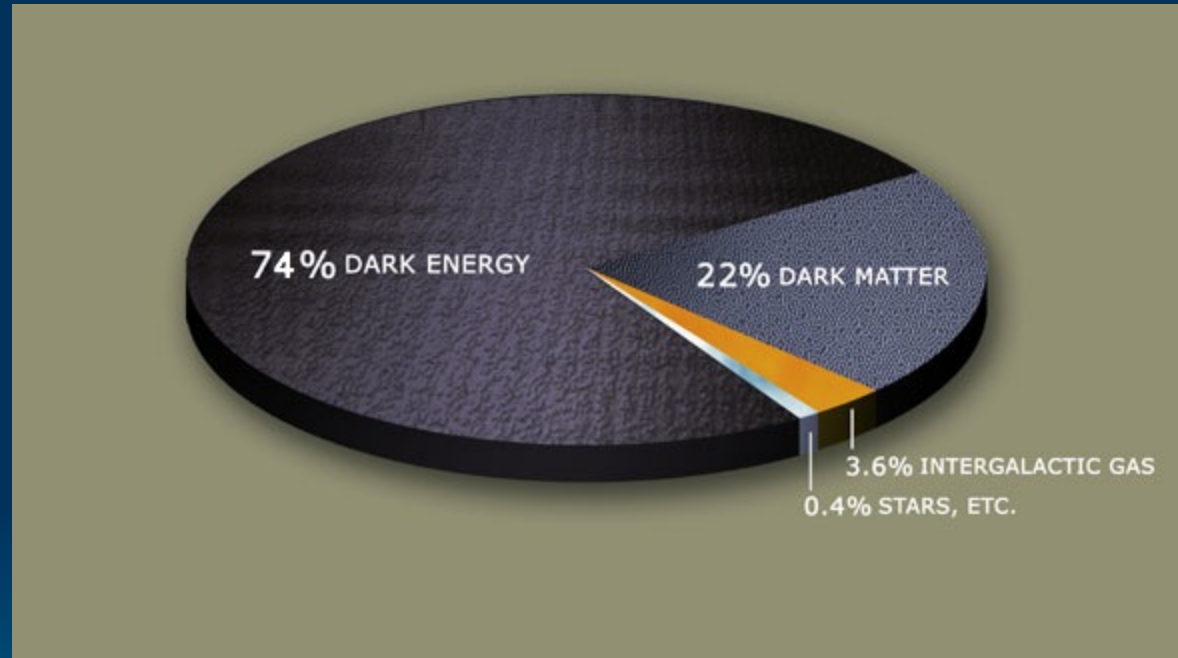
State of the Art



The Emperor's New Clothes



The Mystery of Dark Matter



The Formula



A Rorschach Test



Messy Kitchen



Disposability



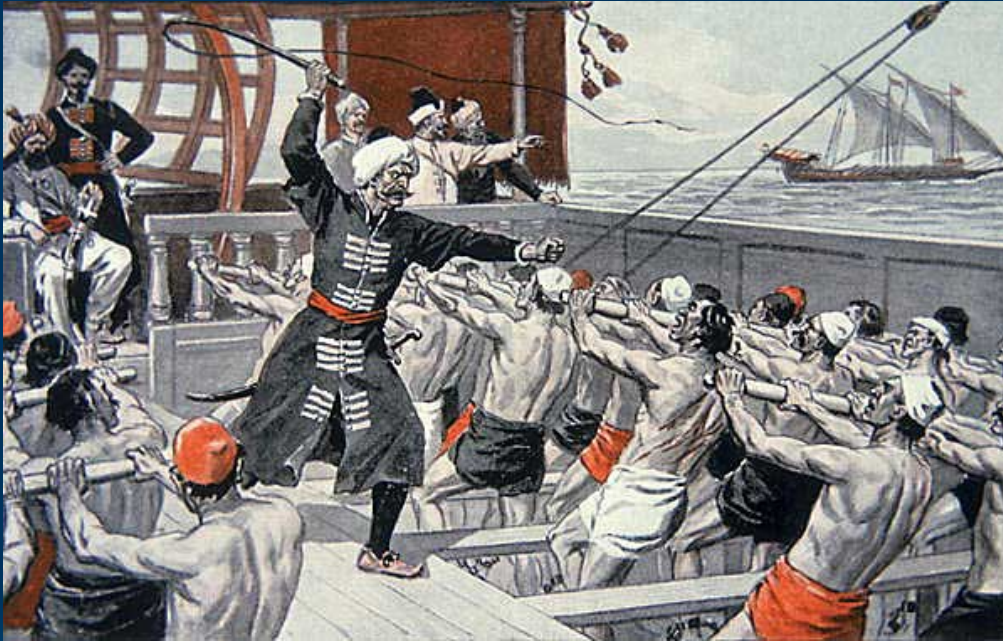
Below Average Programmers



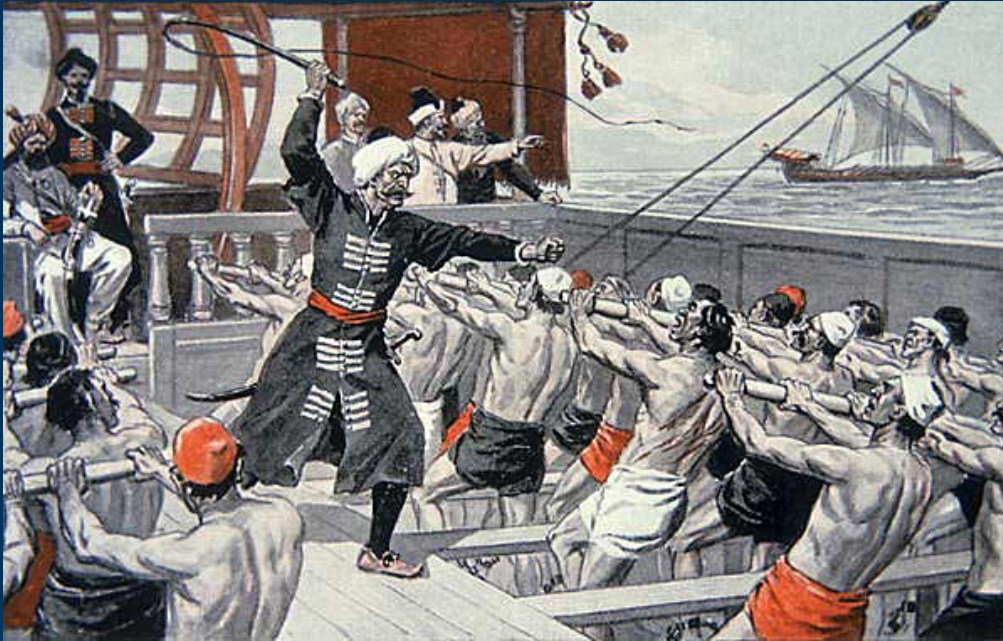
Above Average Programmers



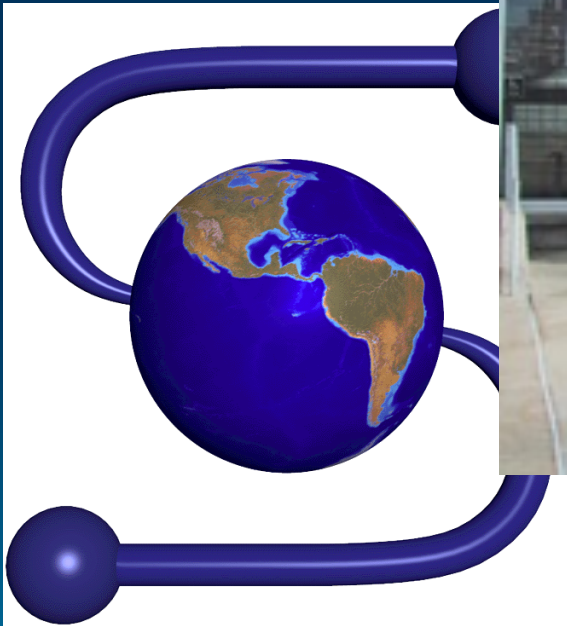
Below Average Managers



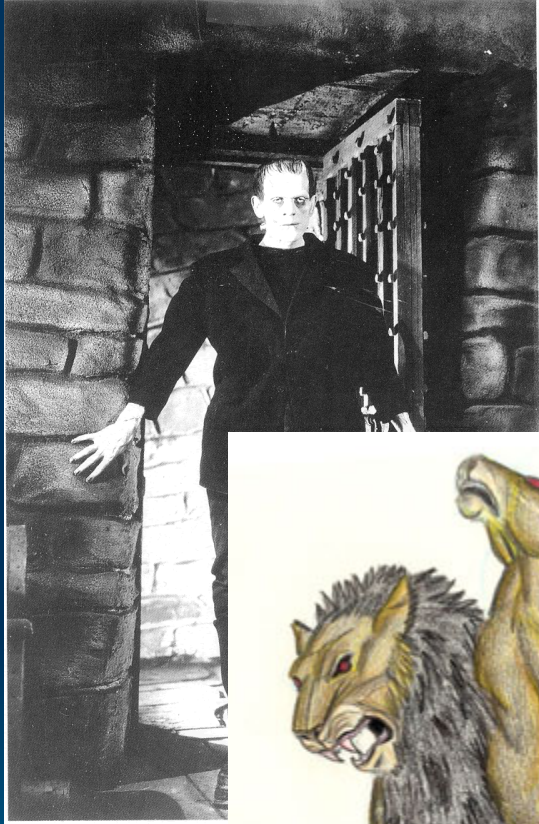
Above Average Managers



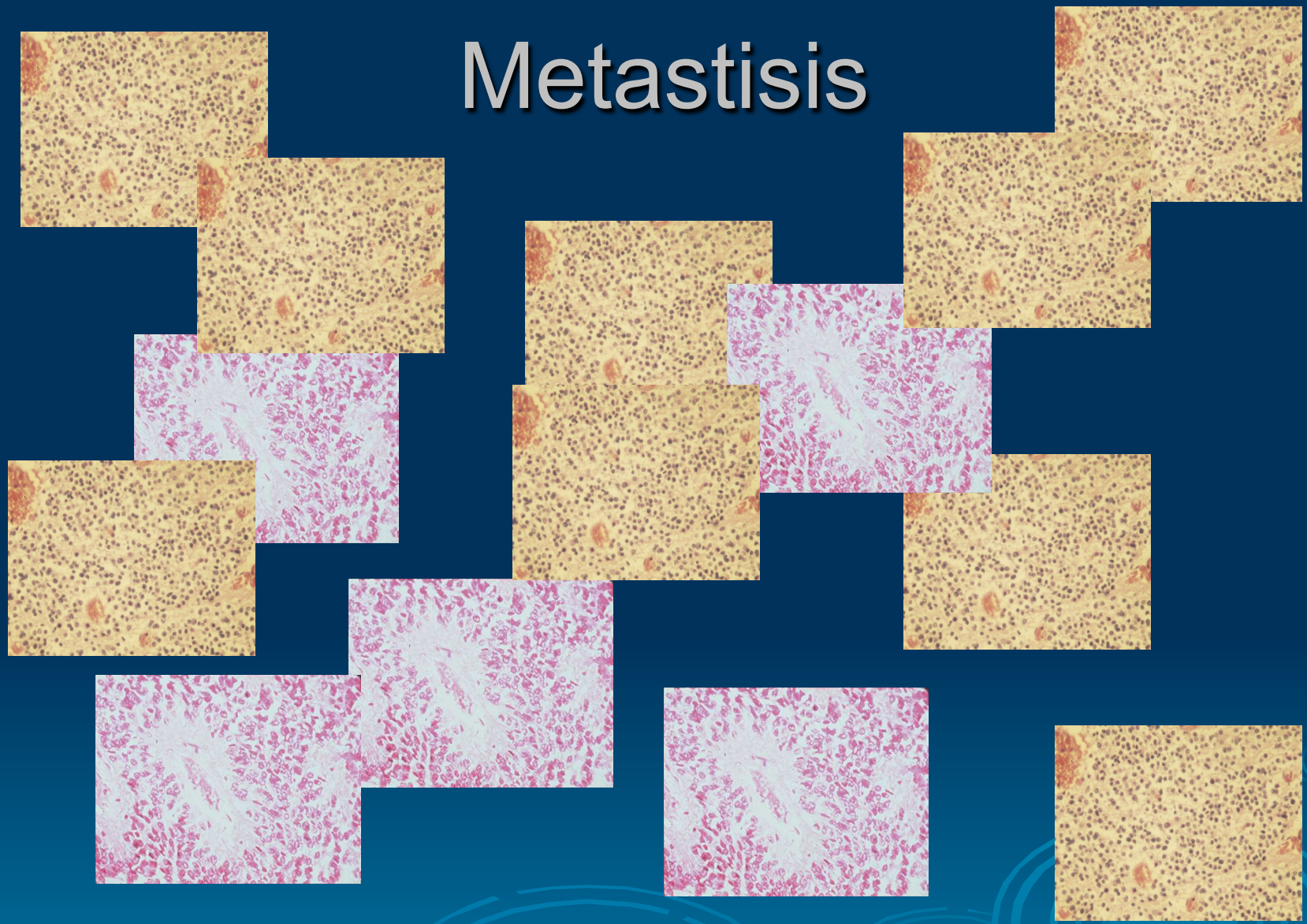
Big Bucket of Glue



The Age of Sampling



Metastasis



Copy 'n' Paste



Mud and Modularity



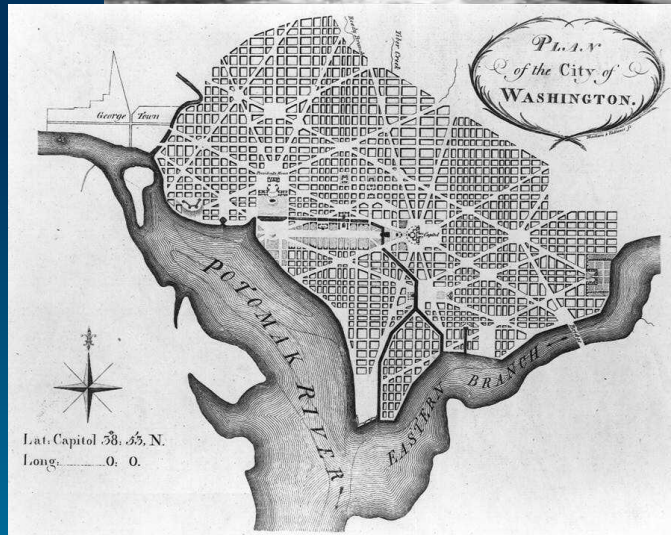
Legacy == Mud?



How Big is Big?



L'Enfant and Friends



Maintenance



Software Decay



Boomtown to Ghost Town



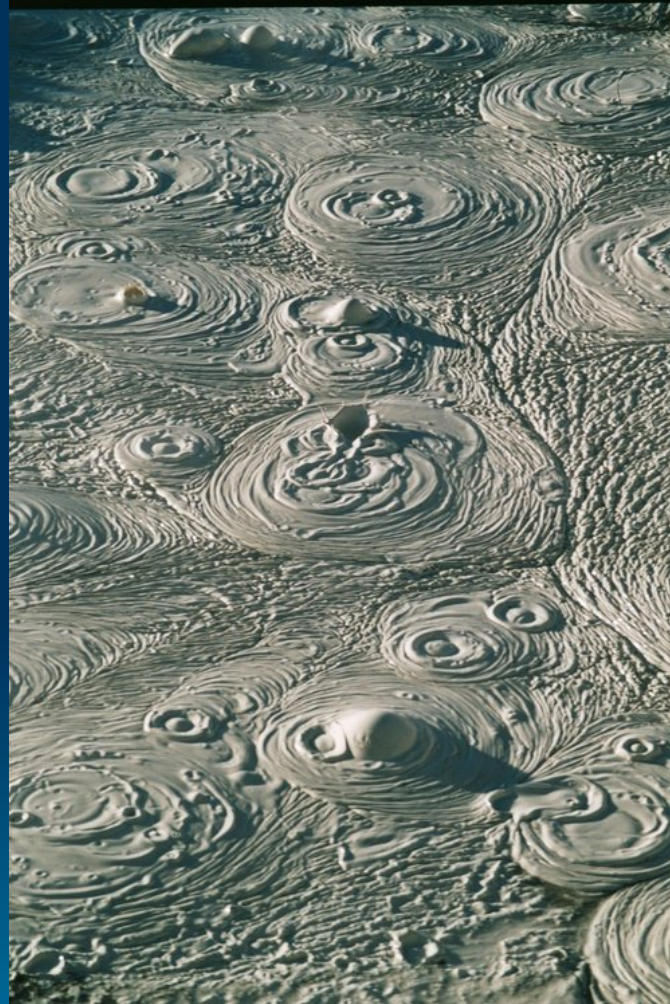
10^{**1} , 10^{**2} , 10^{**3}



Sprawl



Is There a Problem?



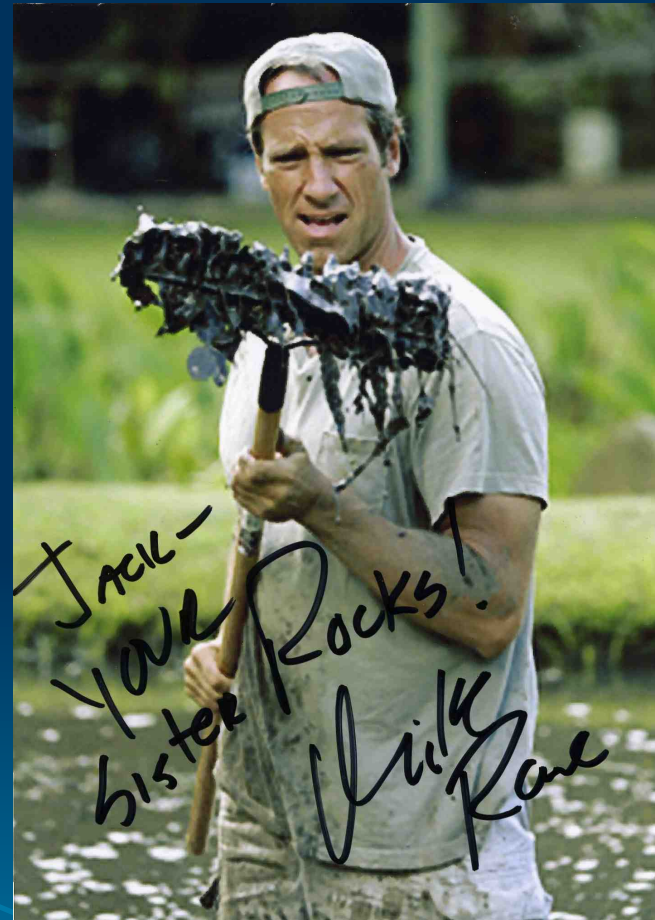
They Have a Name



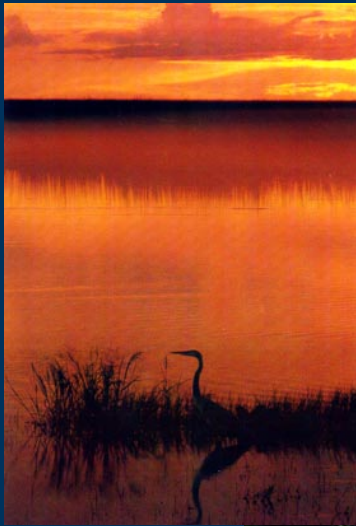
r/K Selection



A Dirty Job



The Everglades



The Swamp



Swamp Guides



Starfleet Academy



The Mound Builders

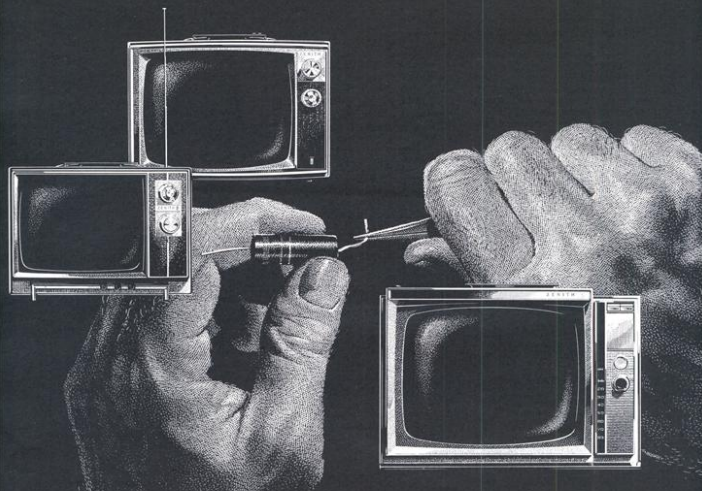


Labor Costs



The Quality Goes In

BUILT BETTER
...to last longer!



Every Zenith portable TV is Handcrafted — built better to last longer. There are no printed circuits. No production shortcuts. Every connection is carefully handwired. This kind of dedication to quality has made Zenith America's largest selling TV. It is one of the important reasons why Zenith TV gives you finer performance. Fewer service problems. Greater operating dependability. And a sharper, clearer picture, year after year. Don't settle for less than Zenith—the Handcrafted TV.

ZENITH
The quality goes in
before the name goes on



Elegance



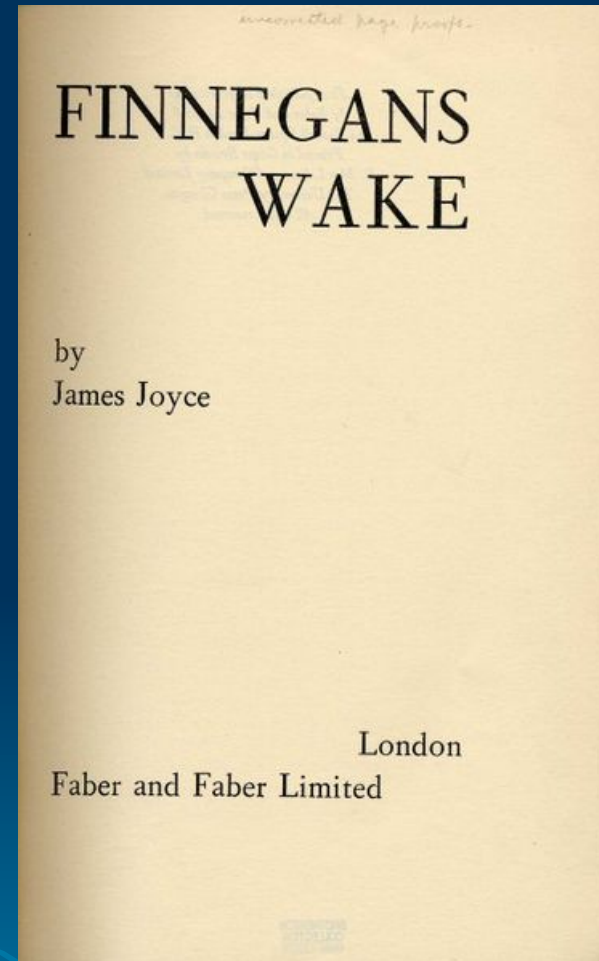
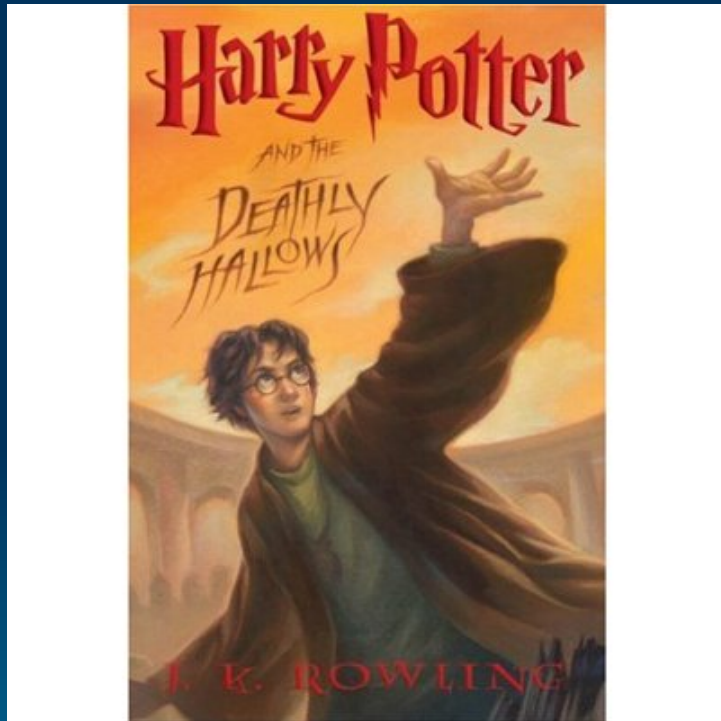
Health



Navigability



Readable



Habitability



Maintainability



Pulchritude



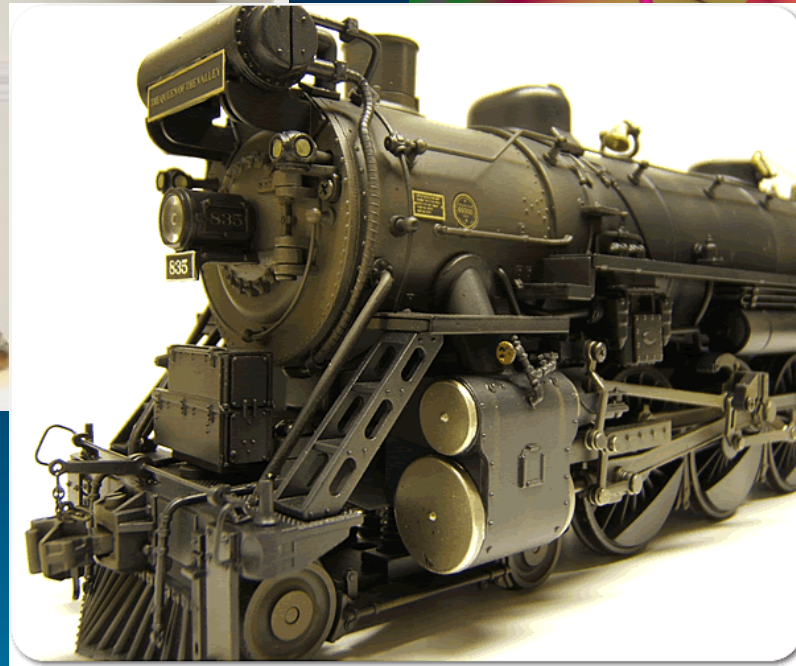
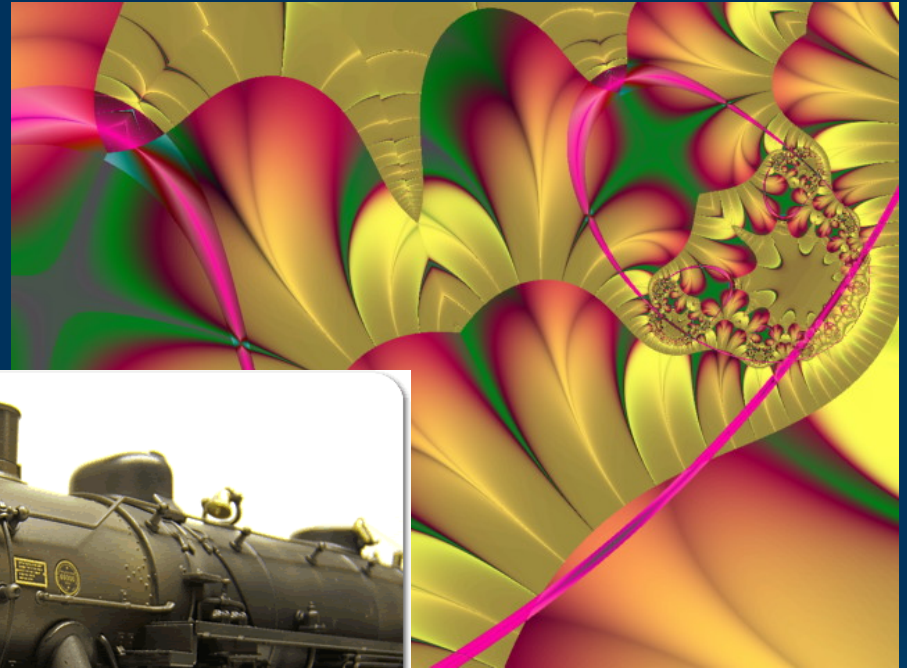
Shoddy Workmanship



Amish Furniture



Gilded Lily



Aesthetics



Robber Crops



Commandos and Infantry



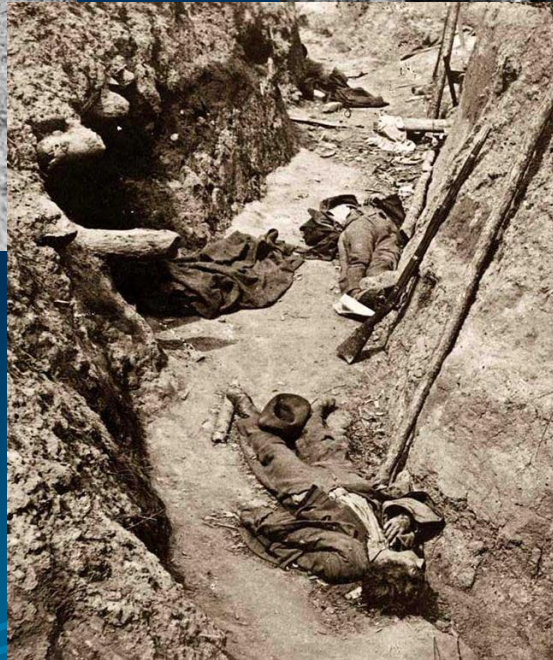
Tools and Tactics



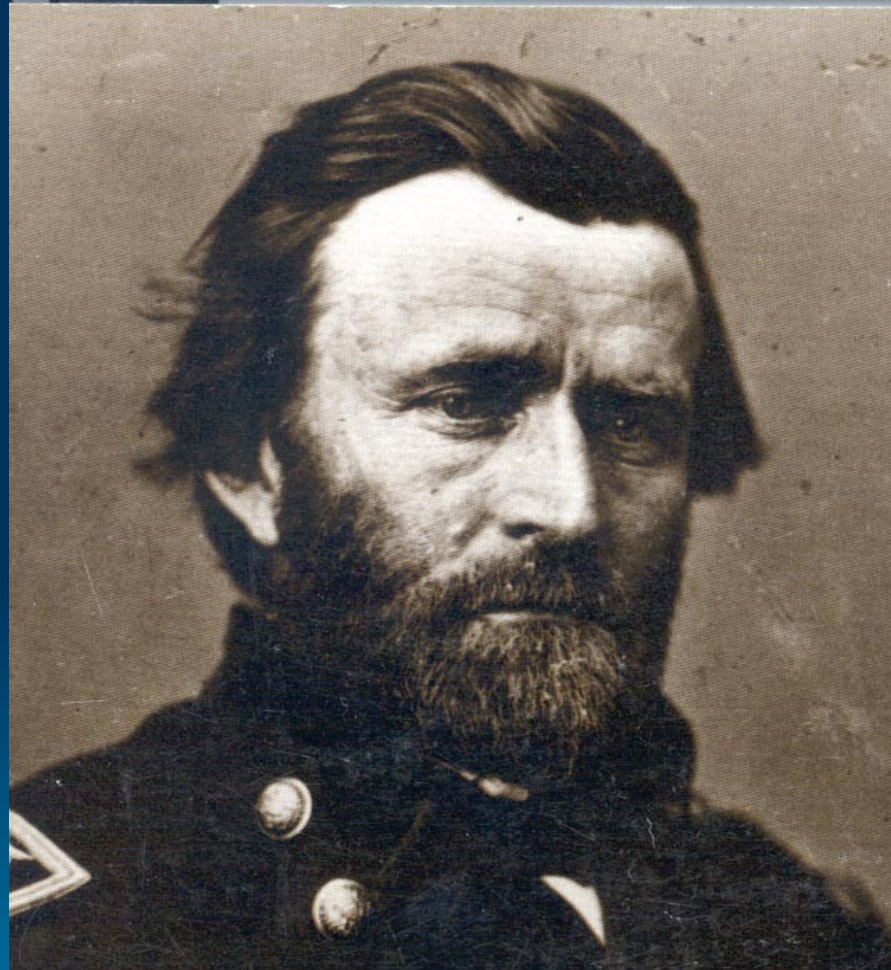
Przewalski's Horses



Trench Warfare



The Butchers



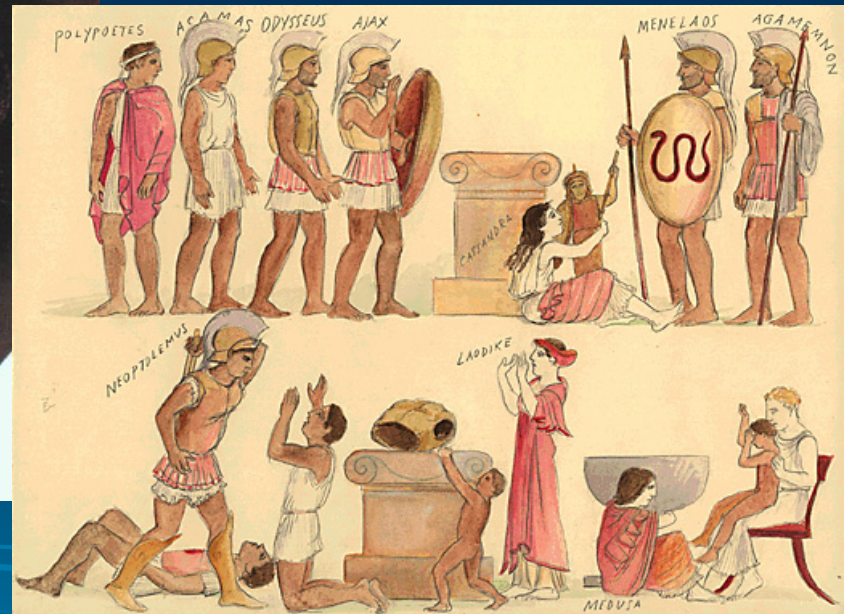
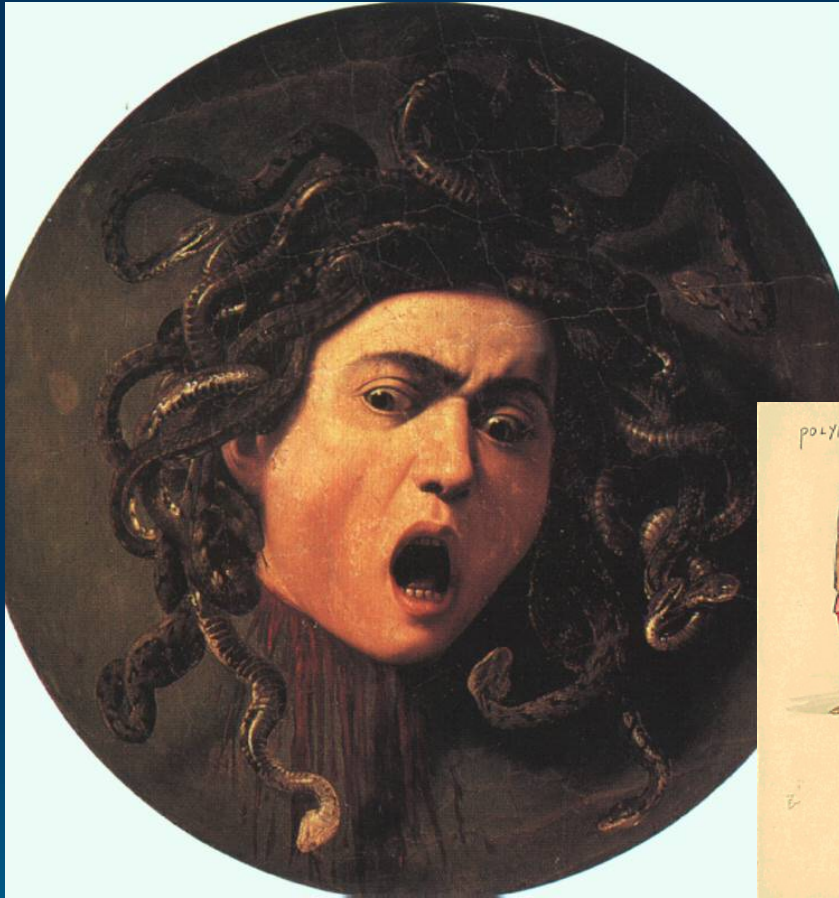
Ranchers vs. Sodbusters



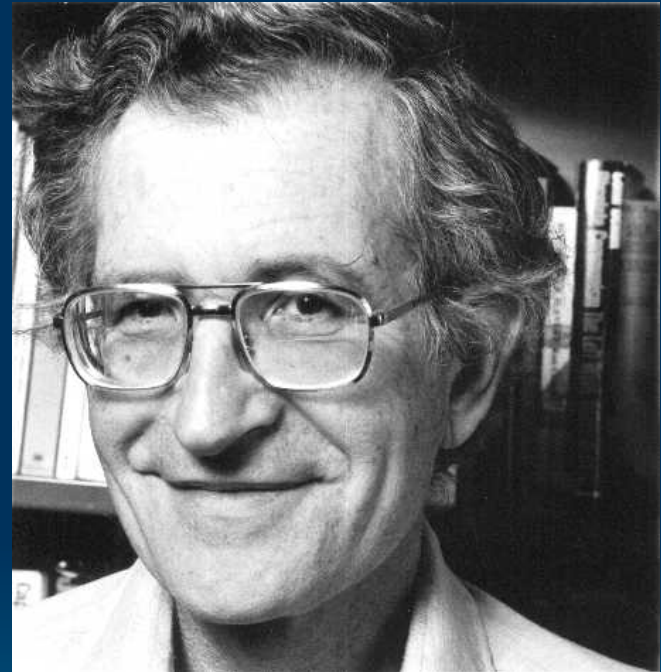
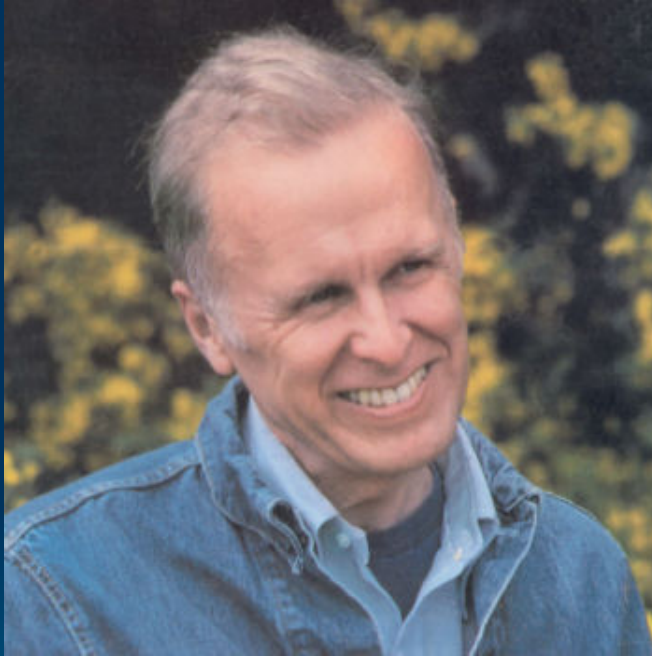
Sustainability



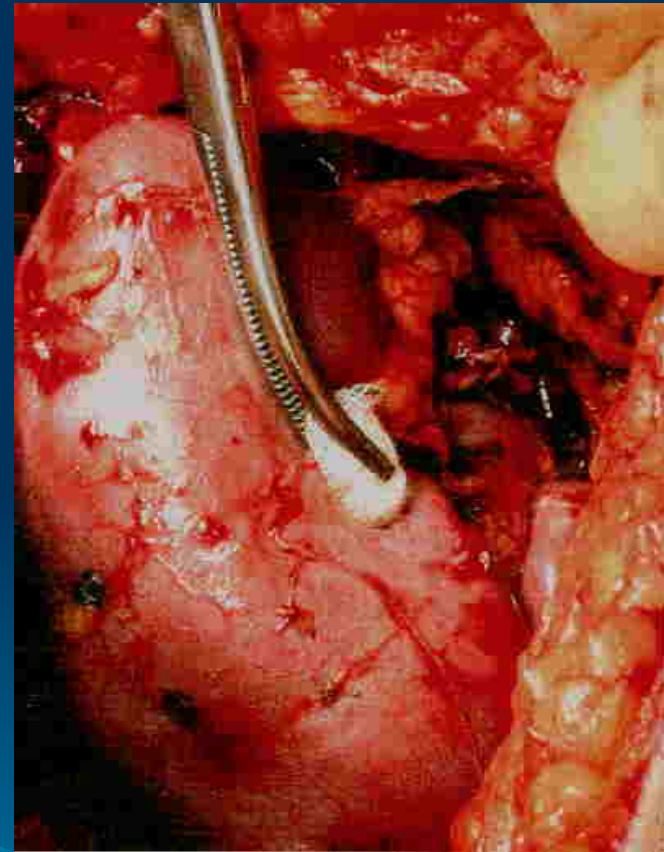
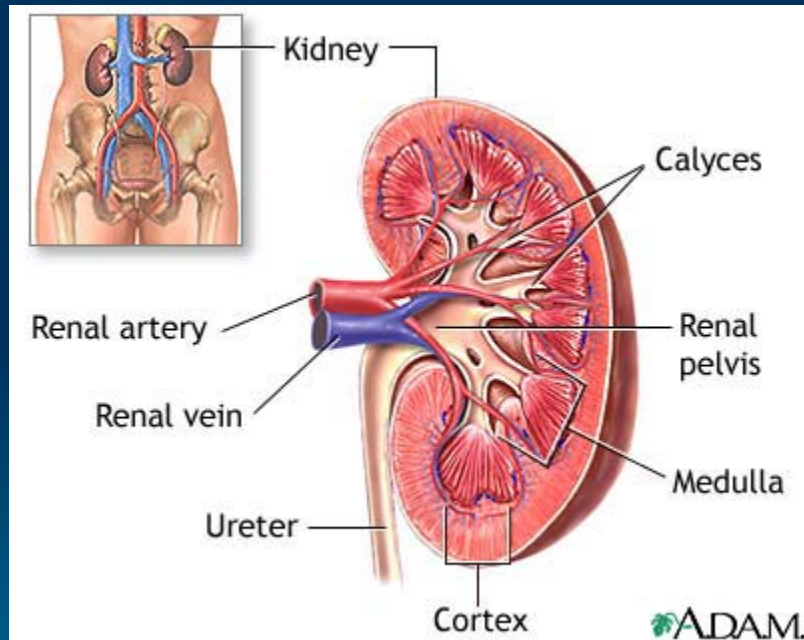
The Medusa



The Post-Linguistic Era



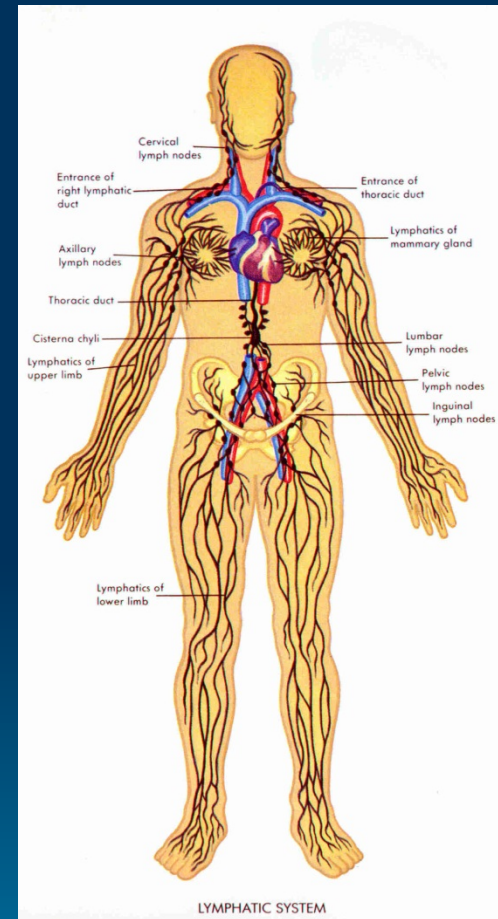
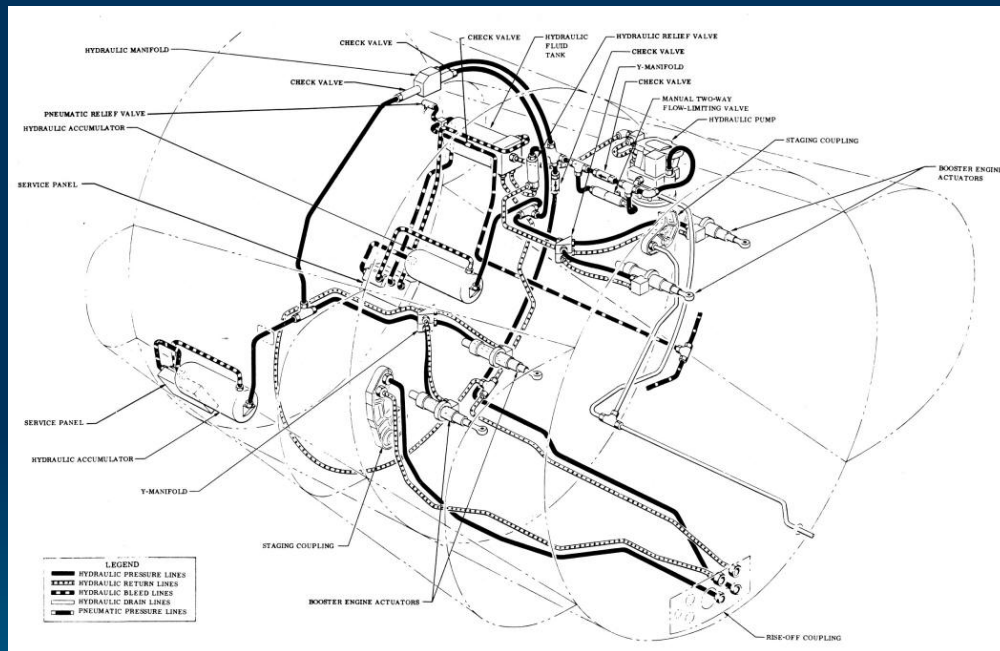
Modularity



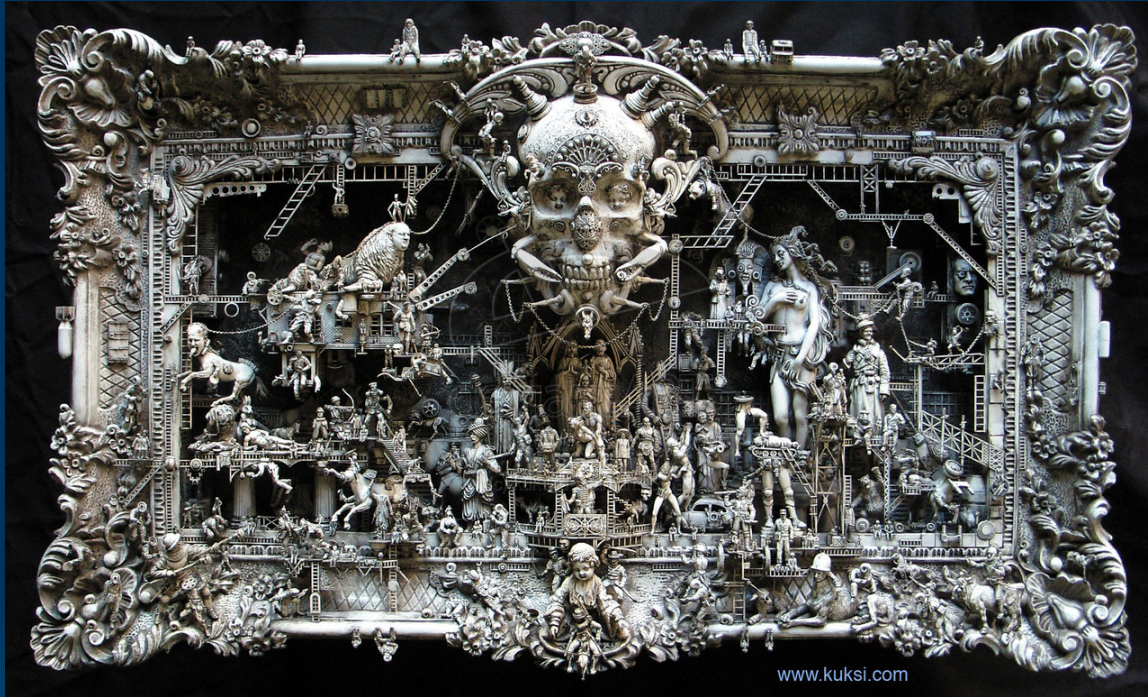
Modular Housing



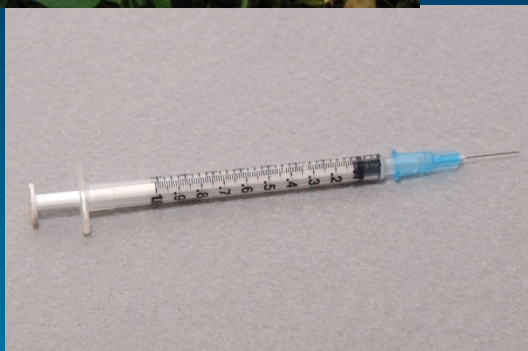
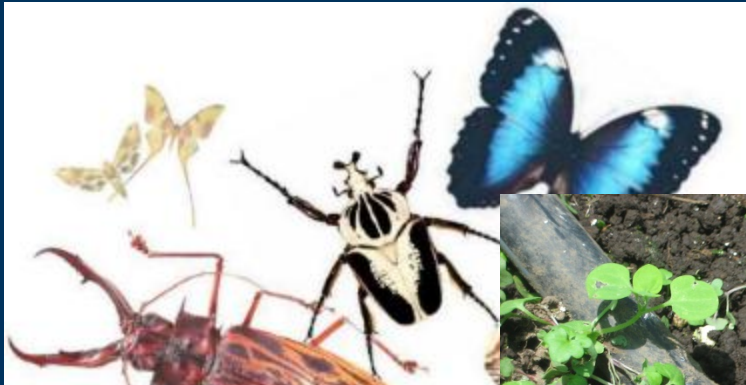
Subsystems



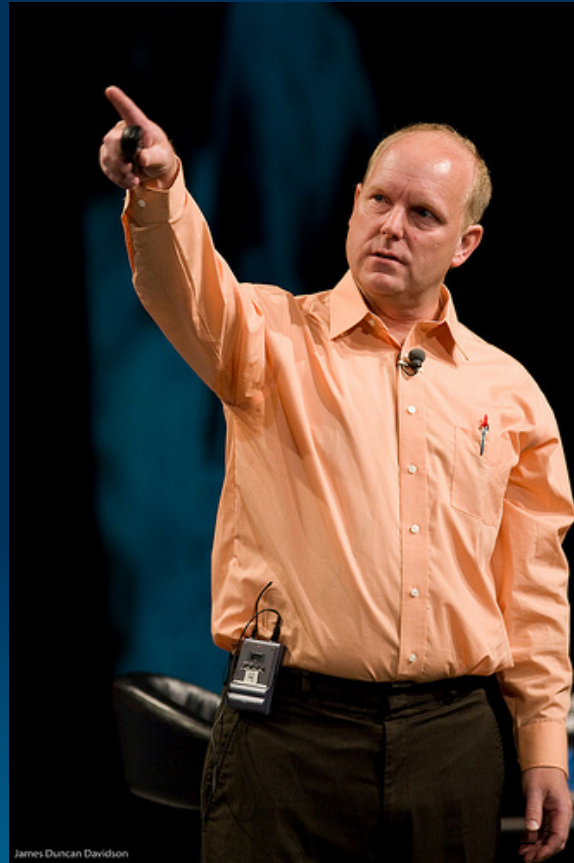
Embrace Intricacy



The War on Bugs



Beck on Good Code



James Duncan Davidson

The Golden Age of Mud



Mud Reigns



Low Hanging Fruit



Thanks

