



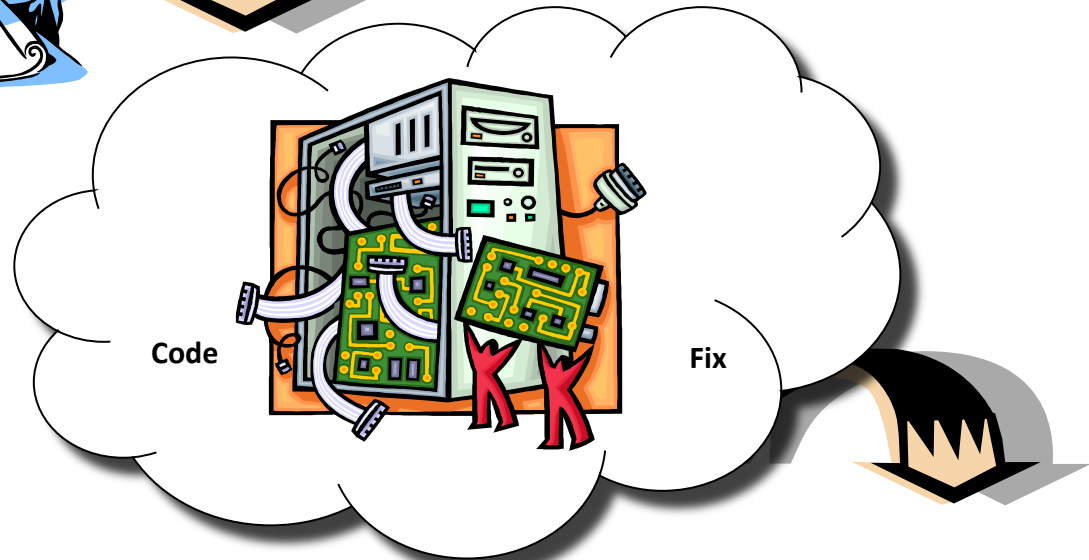
Common Software Process Models



Code and Fix

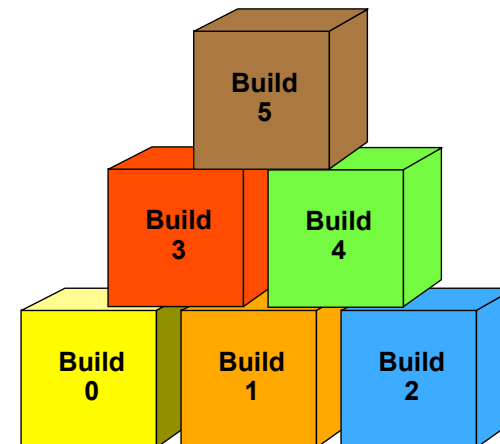


Specification and requirements (maybe)

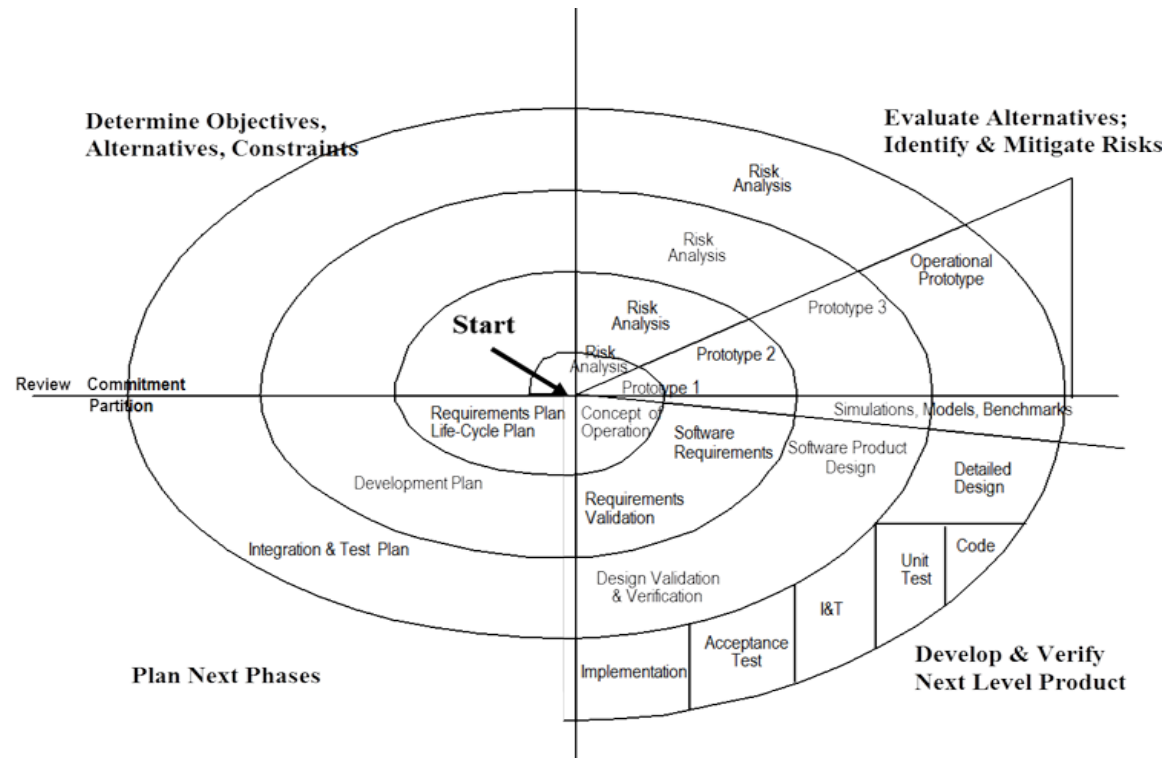


Waterfall and Evolutionary Models

- Duration
 - Minimum
 - Maximum
- Build Overlap
- Documentation
- Delivery
- Planning
- Metrics



Spiral Model



COTS Integration

- Less development time and therefore potentially a lower cost
- Seeing what you get since you are using existing, working products
- High reliability products that were proven and field tested
- Vendor maintains the product
- Specialists, who focus on one product domain, develop the product
- Large variety of options to choose from

However, be aware

Agile Development

- **Adaptive** rather than **predictive**
- Values staying **within** cost and schedule
- Anticipates **Requirements Volatility**
- **People-oriented** rather than process-oriented
- **Highly Collaborative**
- Separation of Design and **Focus on Construction**
- **Minimal Planning** but not no planning