1 Administrivia

Announcements

Assignment

Read: Chapter 8.

Turn in answers to these questions: 2, 5, 10.

From Last Time

Computer and Network (In)Security

Coming Up

Work and Wealth

2 Chapter Summary

1. “My dog ate my homework” has become “My PC ate my homework”

2. Show Challenger video.
3 Discussion Questions

1. My truck has a 100,000 mile warranty. My workstation (hardware) has a three year warranty. Why doesn’t my operating system or applications have a meaningful warranty?

   Is there something inherently different about software?

2. Should all software have warranties? Especially life-critical software?

3. Simulation: *verification* of software against a model; *validation* of the model against real-life behavior. Example: surgical simulation.

4. Should software engineers be licensed? Characteristics of professions:

   (a) Mastery of an esoteric body of knowledge.

   (b) Autonomy.

   (c) Formal organization.


   (e) Social function.

   Does software engineering exhibit all these characteristics?

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