Quiz

- 1. Which are the five essential properties of software?
- 2. What are accidental properties of software?

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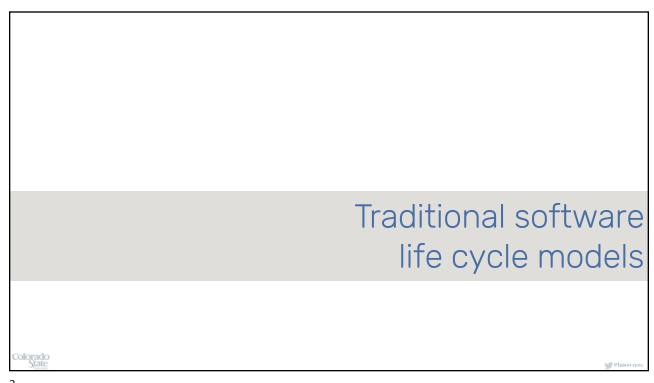
The staged model of software evolution

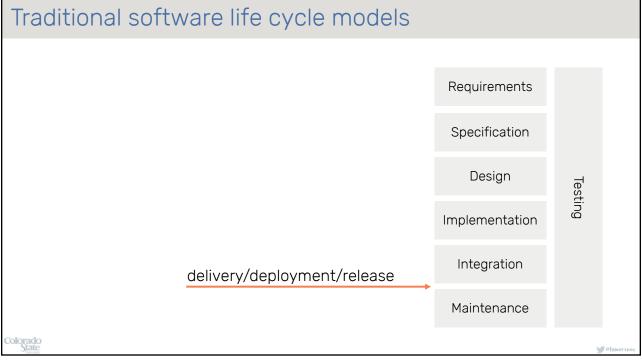
CS 515, Spring 2020



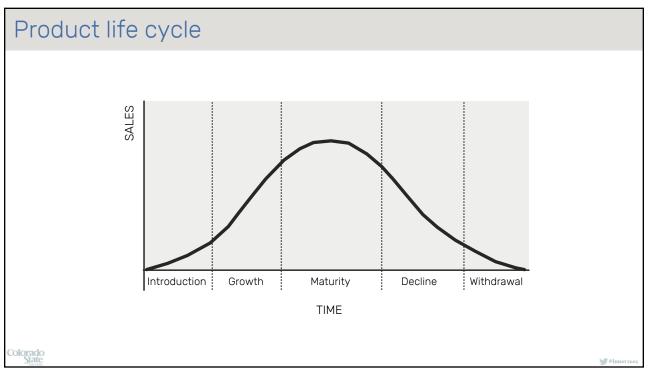
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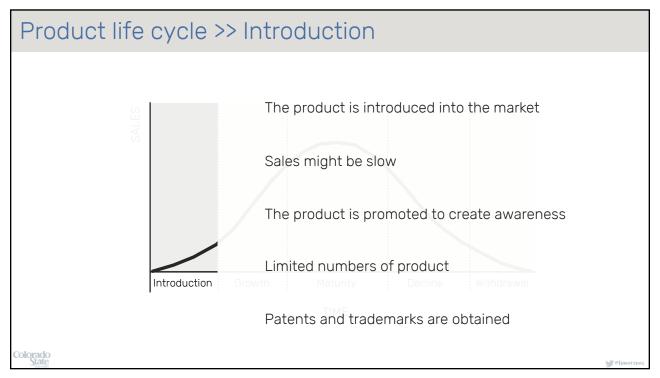
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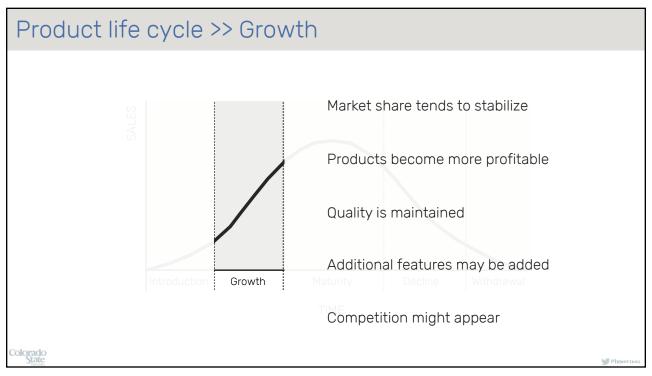


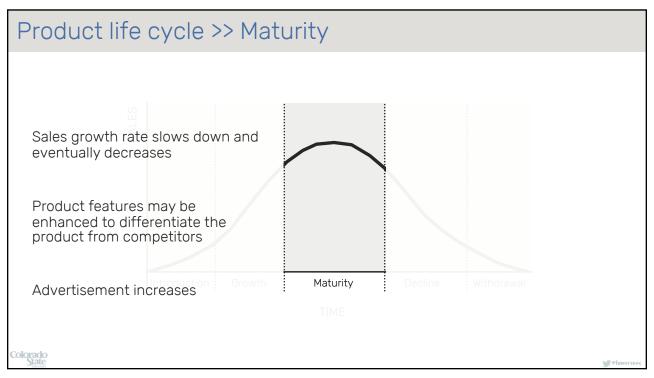


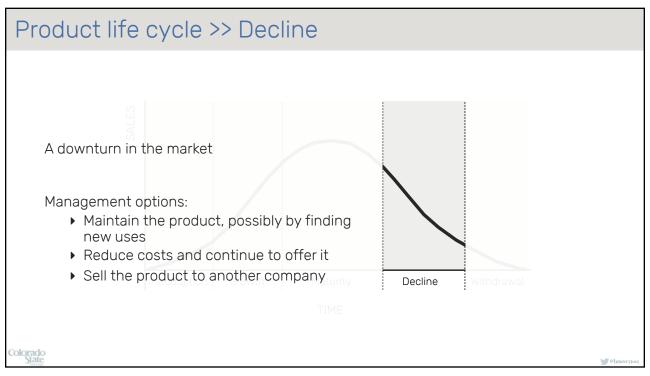


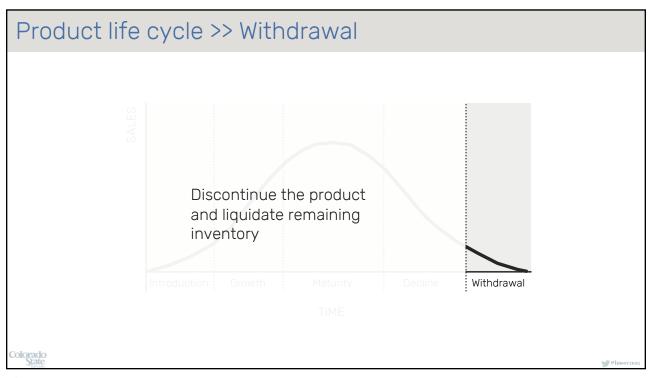


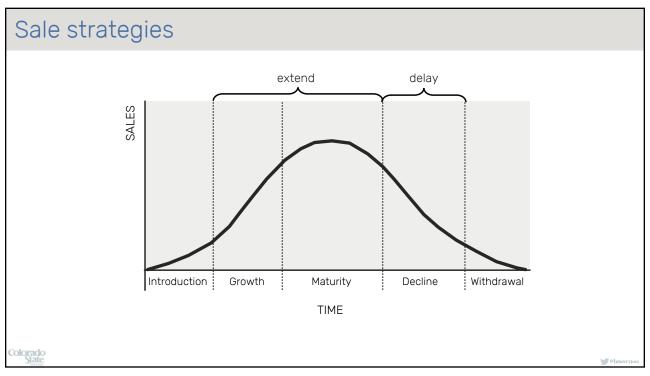


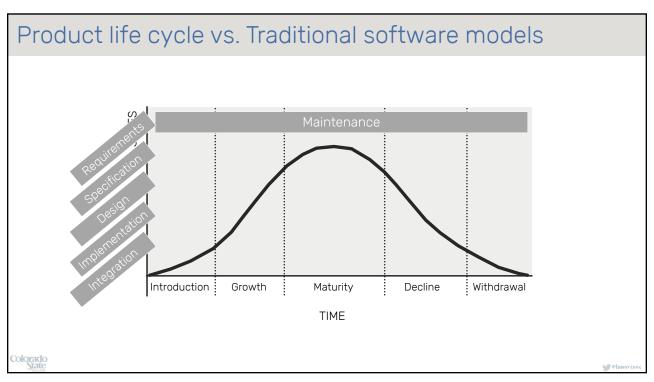


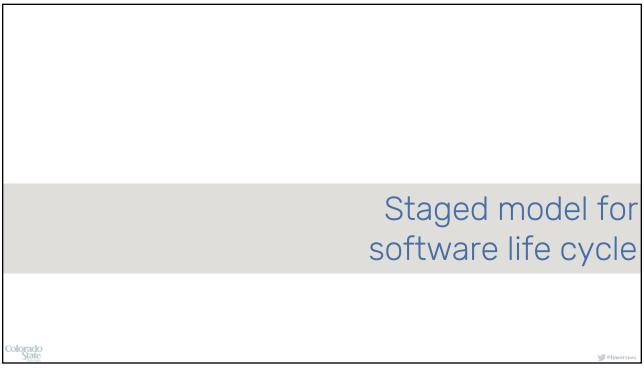


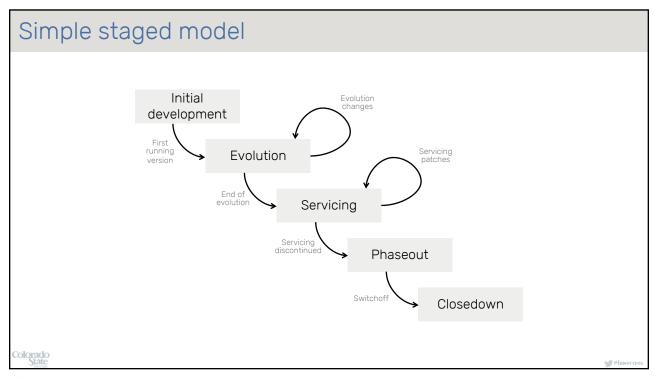


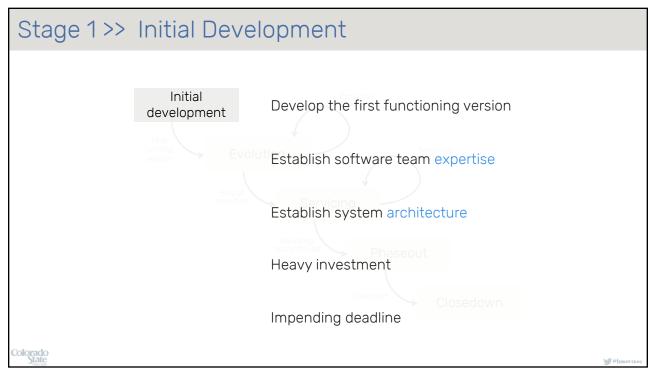


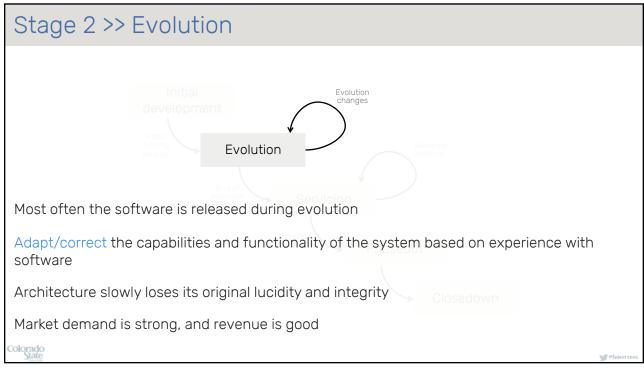


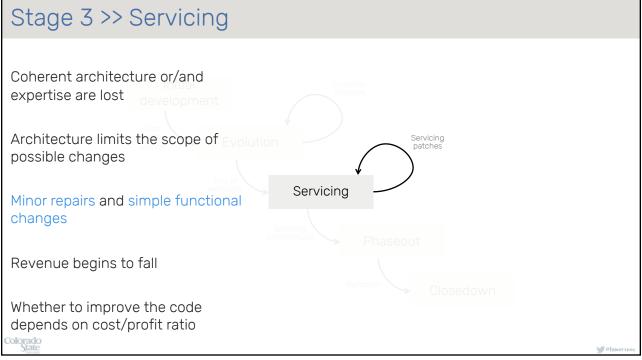


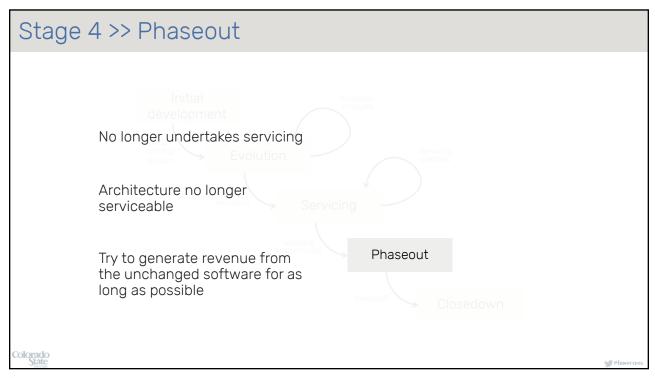


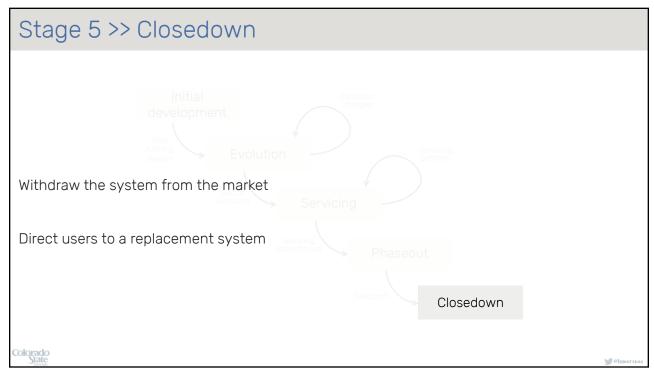


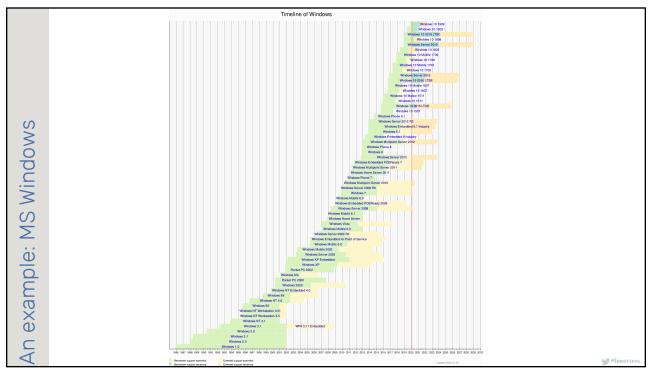


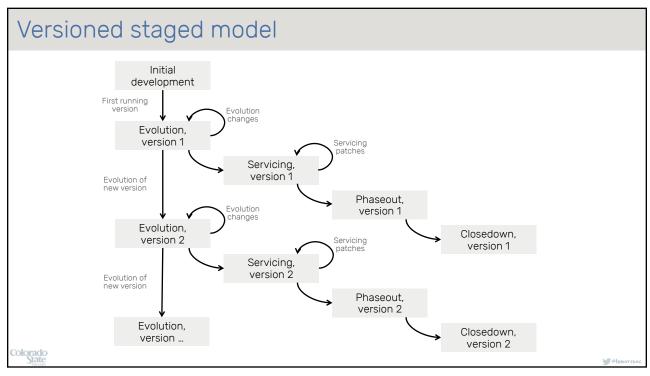


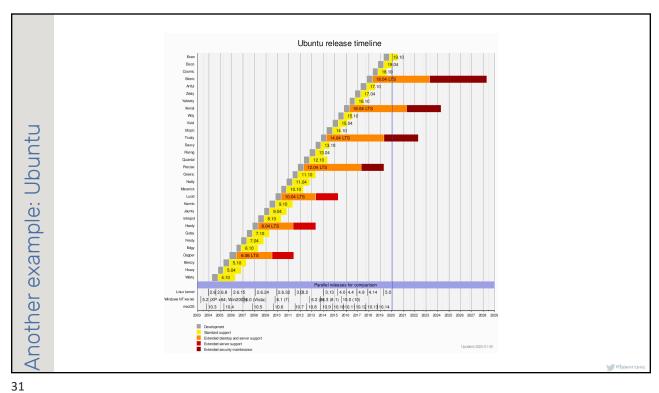


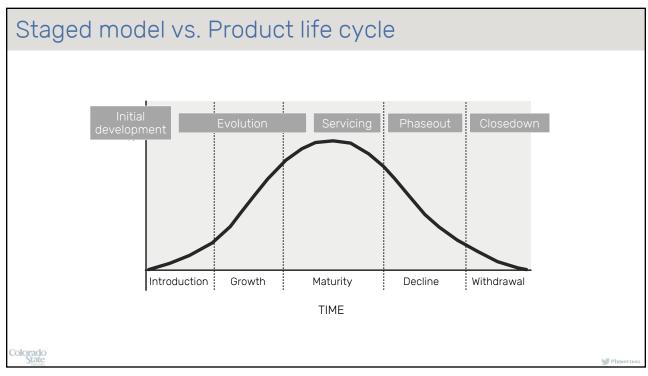


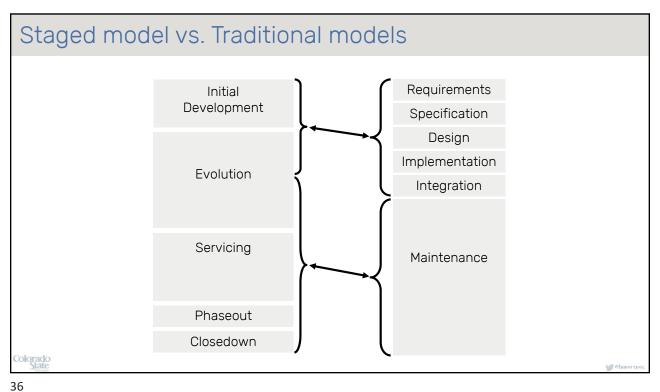












Importance of (better) software models

Each stage has different needs

- ▶ Technical
- Procedural
- Staff
- Management

Once we understand the nature and needs of each stage, we can:

- ▶ Identify best solutions for each stage
- ▶ Explore the boundaries of each stage
- ▶ Analyze the information flow, which will enable managers to plan better
- Explore options to keep a system in a particular stage for as long as possible

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Reading			

Rajlich, V, Bennett, K, A Staged Model for the Software Life Cycle, IEEE Computer, July 2000, pp 66-71

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