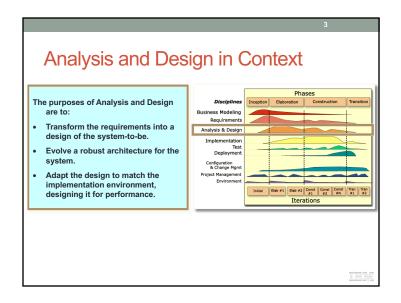
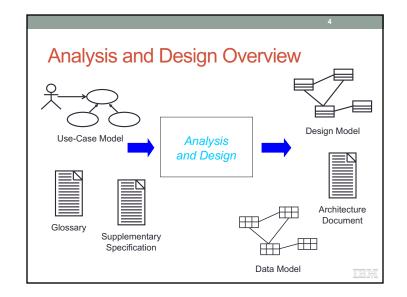
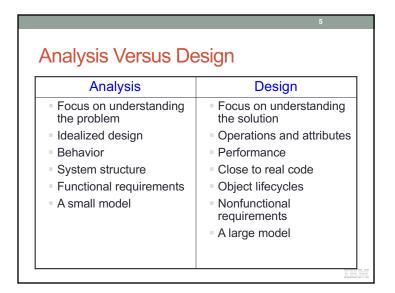
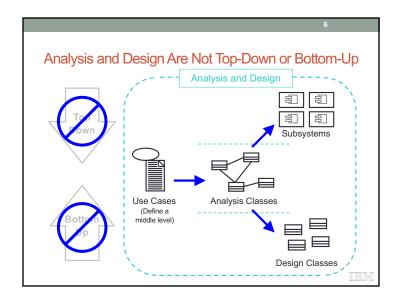


Objectives: Analysis and Design Overview Review the key Analysis and Design terms and concepts Introduce the Analysis and Design process, including roles, artifacts and workflow Explain the difference between Analysis and Design







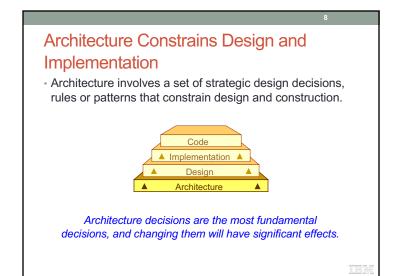


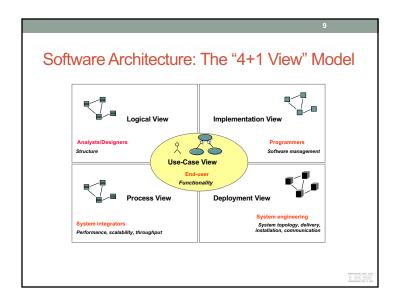
What Is Software Architecture?

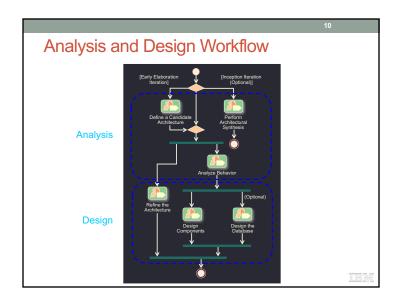
- Software architecture encompasses a set of significant decisions about the organization of a software.
- Selection of the structural elements and their interfaces by which a software is composed
- Behavior as specified in collaborations among those elements
- Composition of these structural and behavioral elements into larger subsystems
- · Architectural style that guides this organization

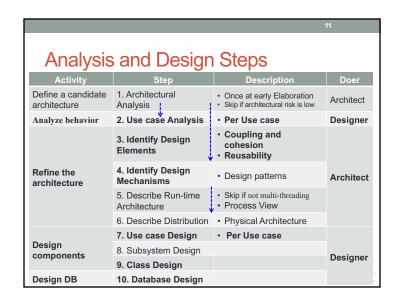
Grady Booch, Philippe Kruchten, Rich Reitman, Kurt Bittner; Rationa (derived from Mary Shaw)

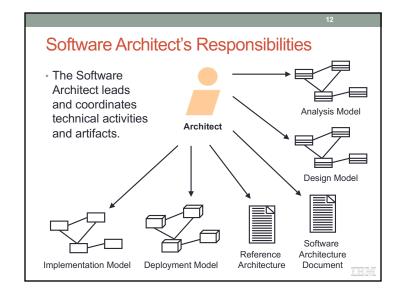
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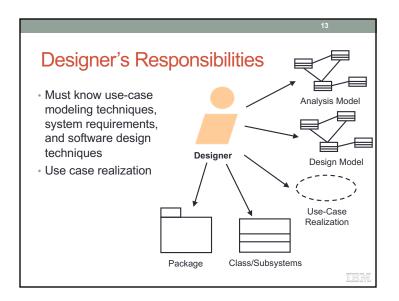


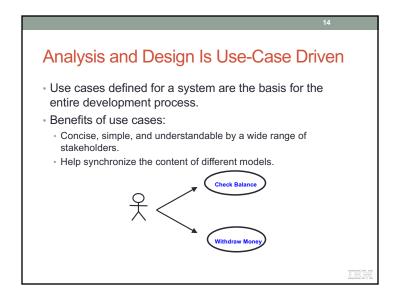


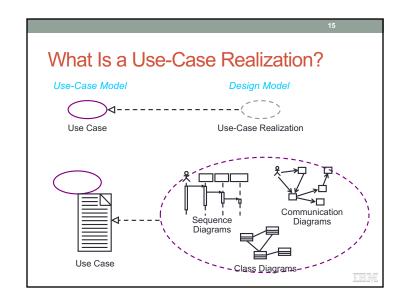


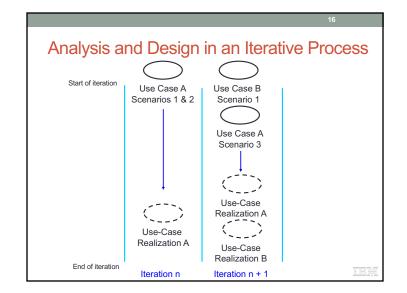












17

Review: Analysis and Design Overview

- What is the purpose of the Analysis and Design Discipline?
- What are the input and output artifacts?
- Name and briefly describe the 4+1 Views of Architecture.
- What is the difference between Analysis and Design?
- What is architecture?

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