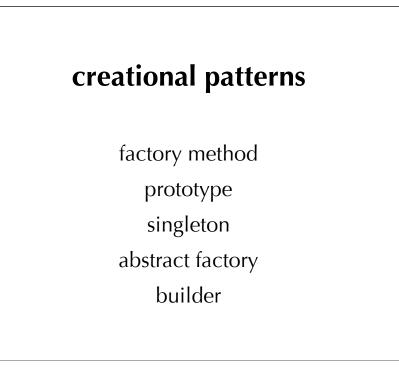
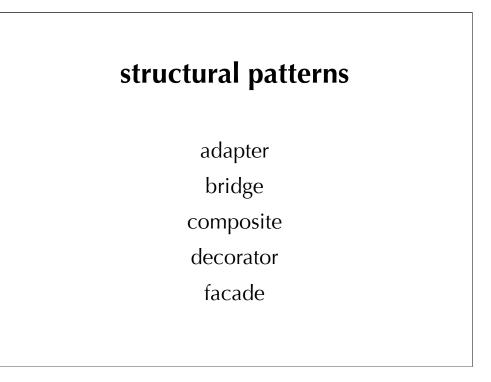
Based on your reading for today...

- 1. What constraints affect Lexi's implementation of user operations?
- 2. What design pattern does Lexi use to implement user operations?
- 3. List three other design patterns used in Lexi.

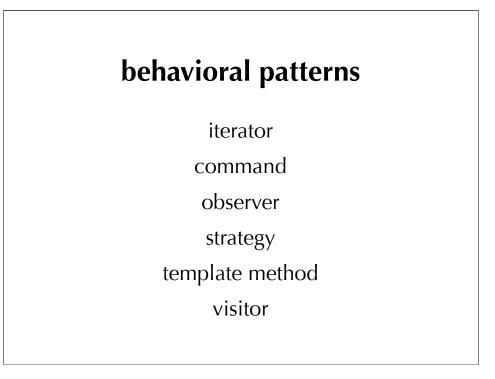


You see factory method in 810:053.



This is a subset -5 of 7.

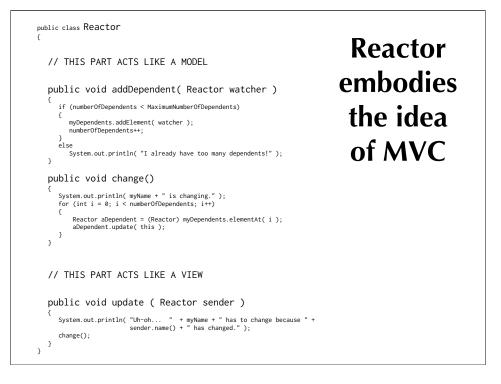
You see some of these in 810:053 (adapter, composite, decorator).

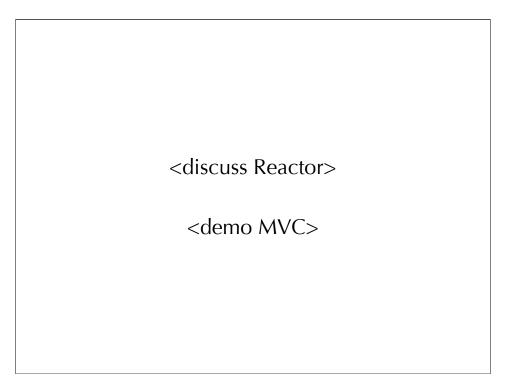


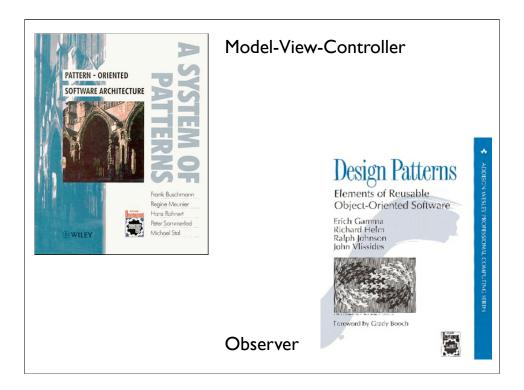
This is a subset -6 of 11.

You see some of these in 810:053 (iterator, strategy, template method).

Consider the idea of a pattern as a way to make up for a language's deficiencies...



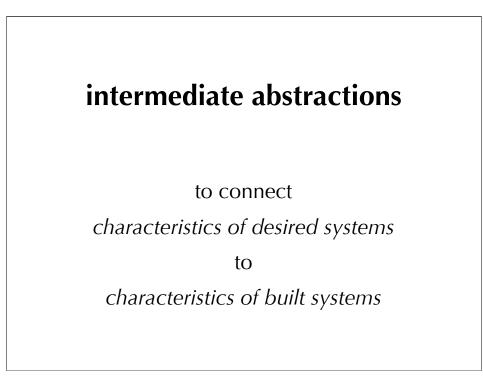




Toward handbooks for software engineers.

Design Patterns, the "Gang of Four book" or GoF, is the de facto standard for OO design.

Pattern-Oriented Software Architecture, the PoSA book, is a part of a series aimed at large distributed systems.



We need a way to **reliably** and **repeatably** map problem types onto solution types.

Recur "a million times, but never the same way".

