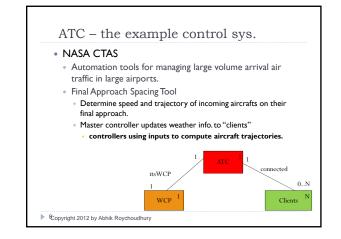


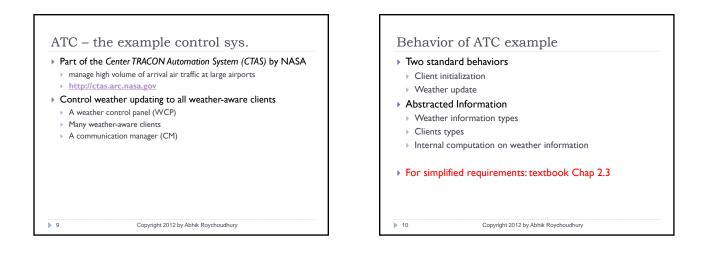
On system behavior

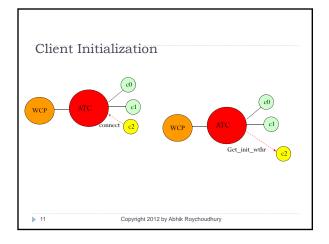
- Consider a "scenario"
 - Client I sends "connect" request to ATC
 - Client2 sends "connect" request to ATC
 - > ATC sends weather information to Client I, Client2.
- > No need to capture "weather info." in model.
- OK to abstract this info. from the requirements while constructing the model, provided
- No decisions are made in the system based on weather info.
- Model is "complete" at a certain level of abstraction.

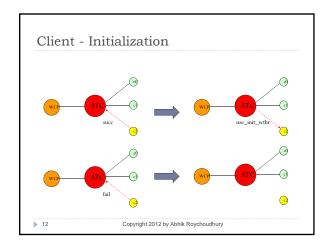
▶ 7

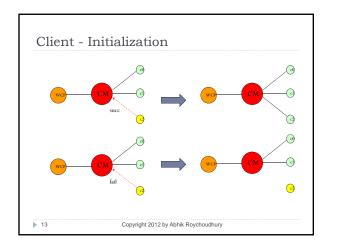
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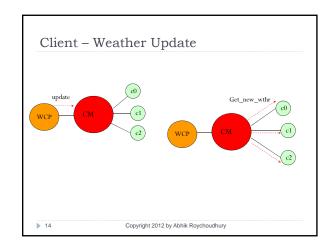


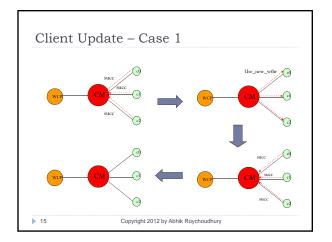


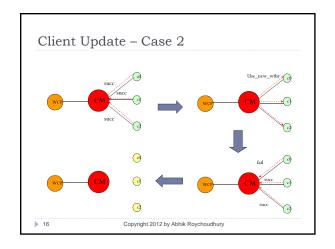


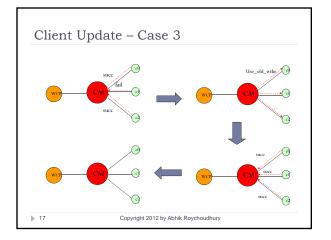


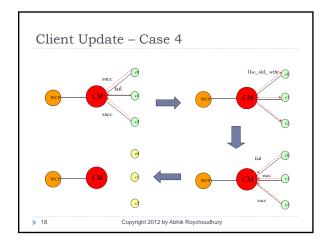












What do the requirements. ... look like ? A weather update controller consists of a weather control panel (WCP), a number of weather-aware clients, and a communication manager (ATC) which controls the interactions between the WCP and all connected clients. Initially, the WCP is enabled for manually weather updating, the ATC is at its idle status, and all the clients are disconnected. Two standard behaviors of this system are as follows. 19

