## **SEFS** Dynamic Behavior

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## Abstract

The desired system behavior and performance emerges from the interaction of the parts. The challenge in architecting is capturing the relevant dynamic behavior to facilitate reasoning about system behavior and performance.

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Interaction between parts can take place

• continuously

for example, temperature or pressure variation due to continuous exchange of Material or Energy

 discrete (event based) for example, an alarm, command, or a fixed period control loop



## Simple Examples of Dynamic Behavior







