

ACTIVITY DIAGRAMS

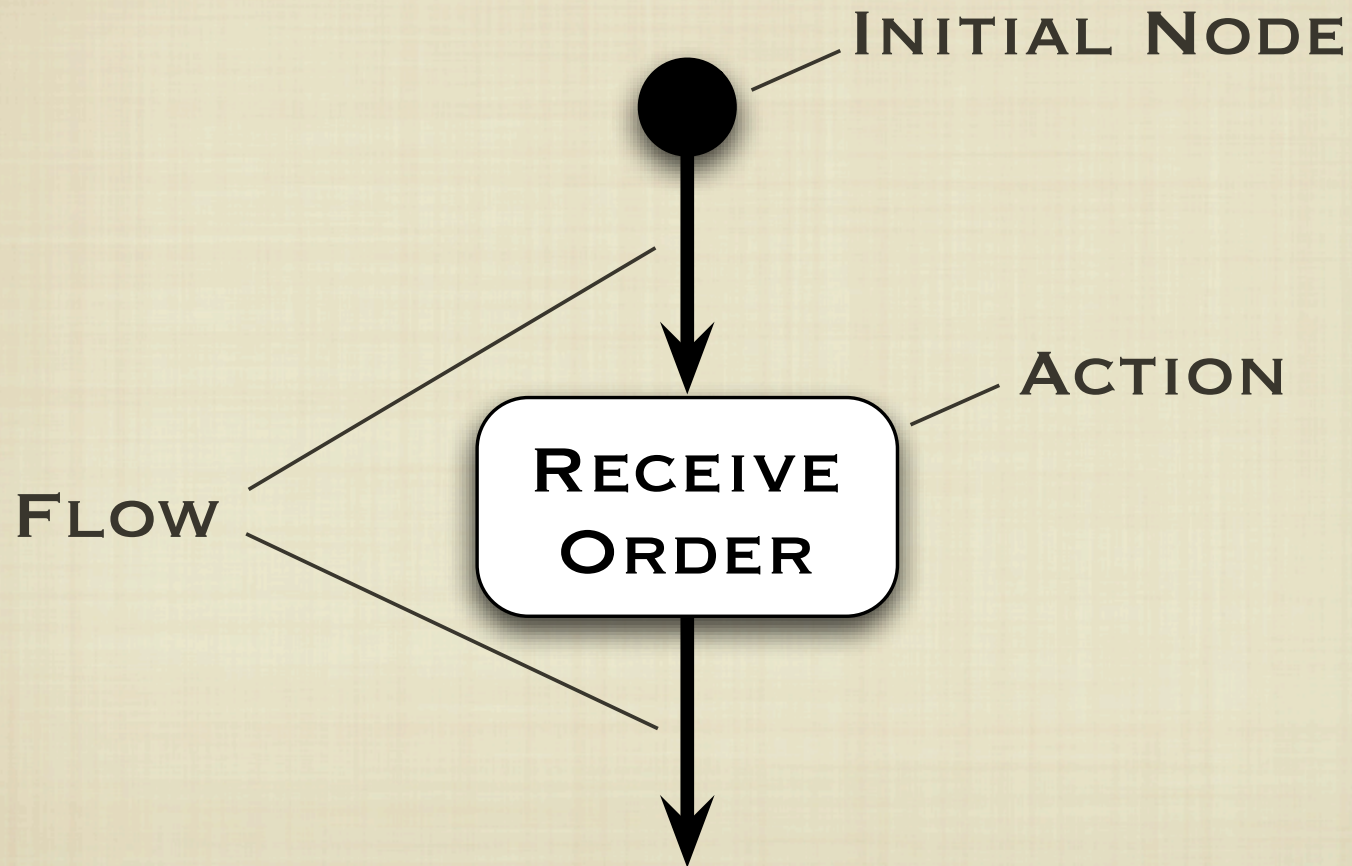
CURT CLIFTON

ROSE-HULMAN INSTITUTE OF TECHNOLOGY

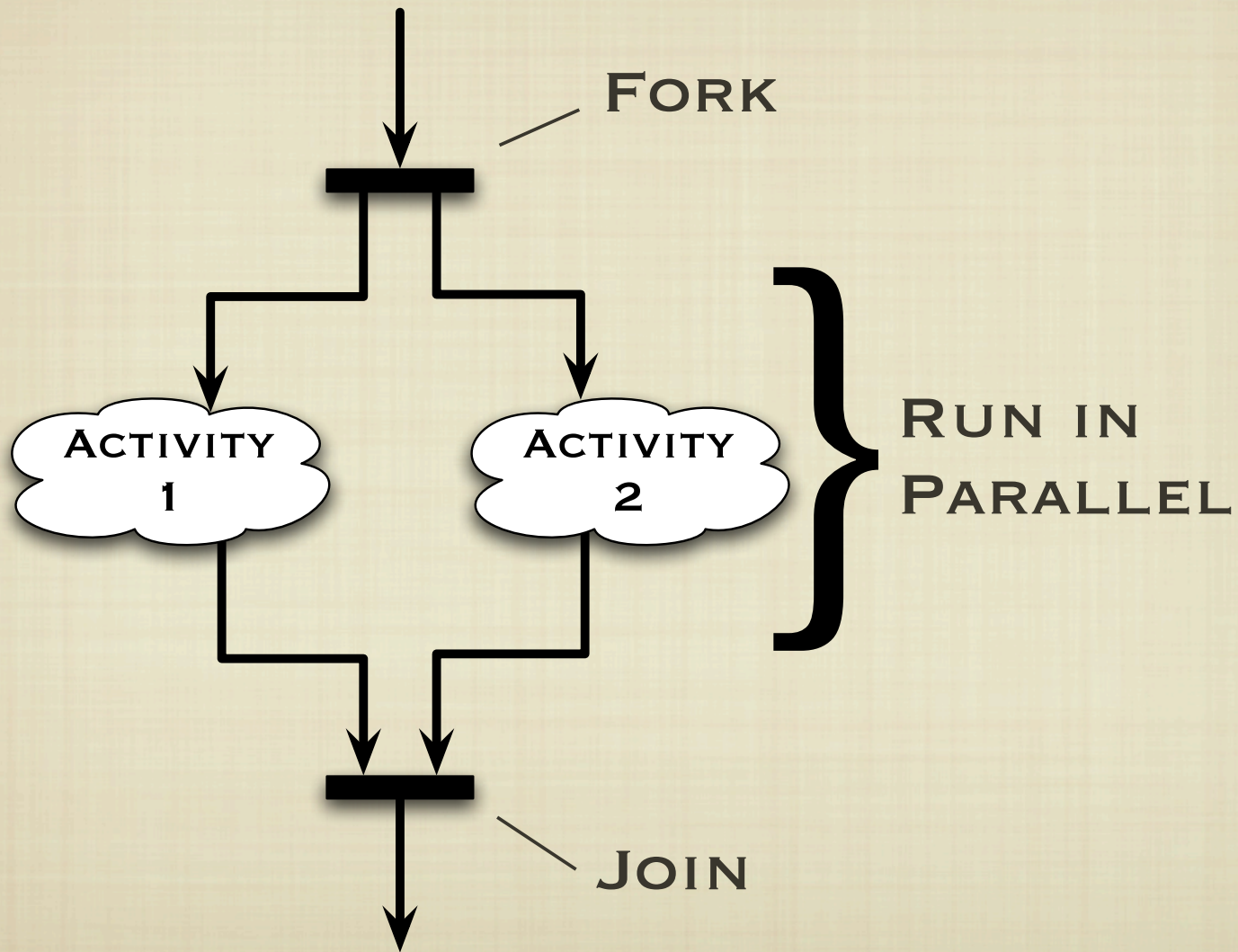
ACTIVITY DIAGRAMS

- **FLOW CHARTS WITH PARALLELISM**
- **USES:**
 - **PROCEDURAL LOGIC – ALGORITHMS**
 - **BUSINESS PROCESSES**
 - **WORK FLOWS**

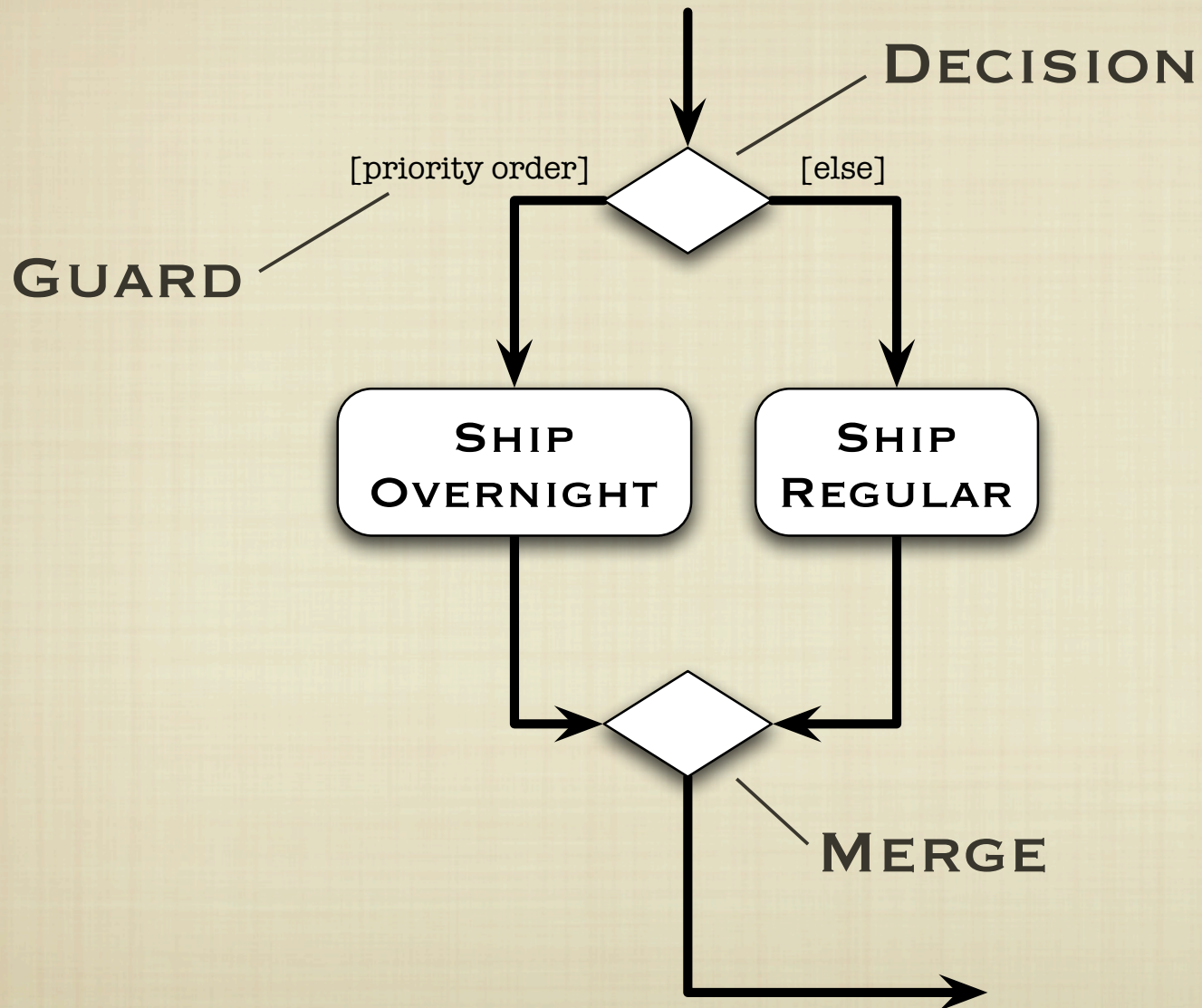
BASIC NOTATION



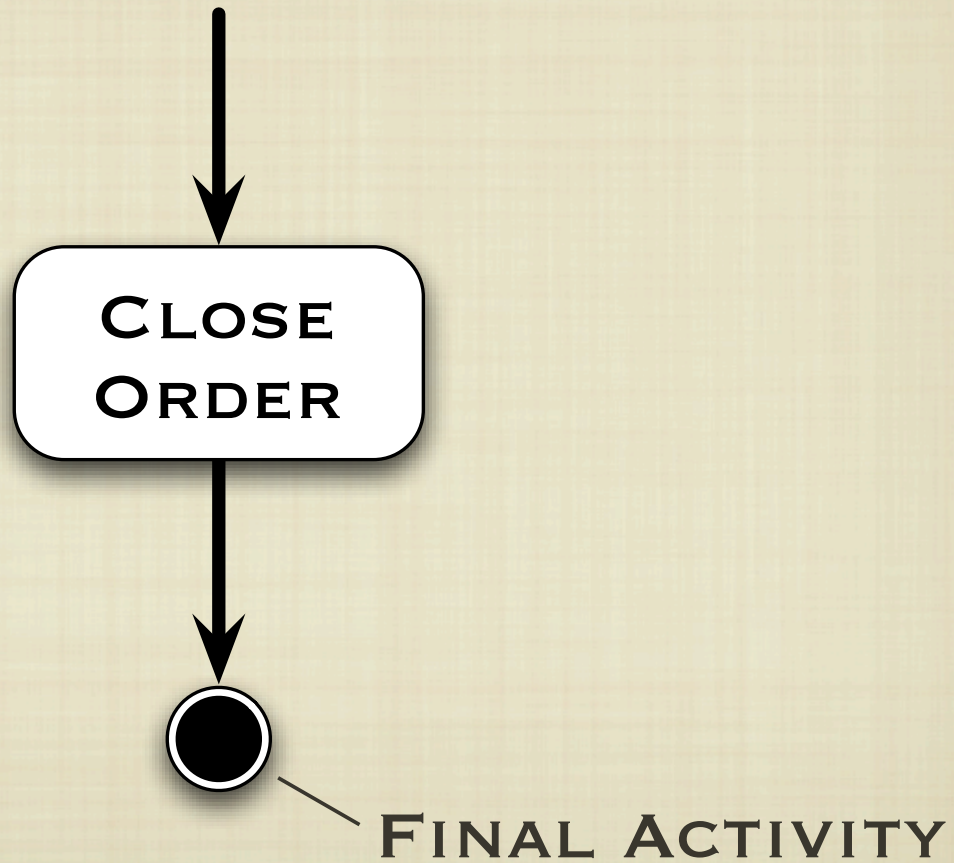
FORKS AND JOINS



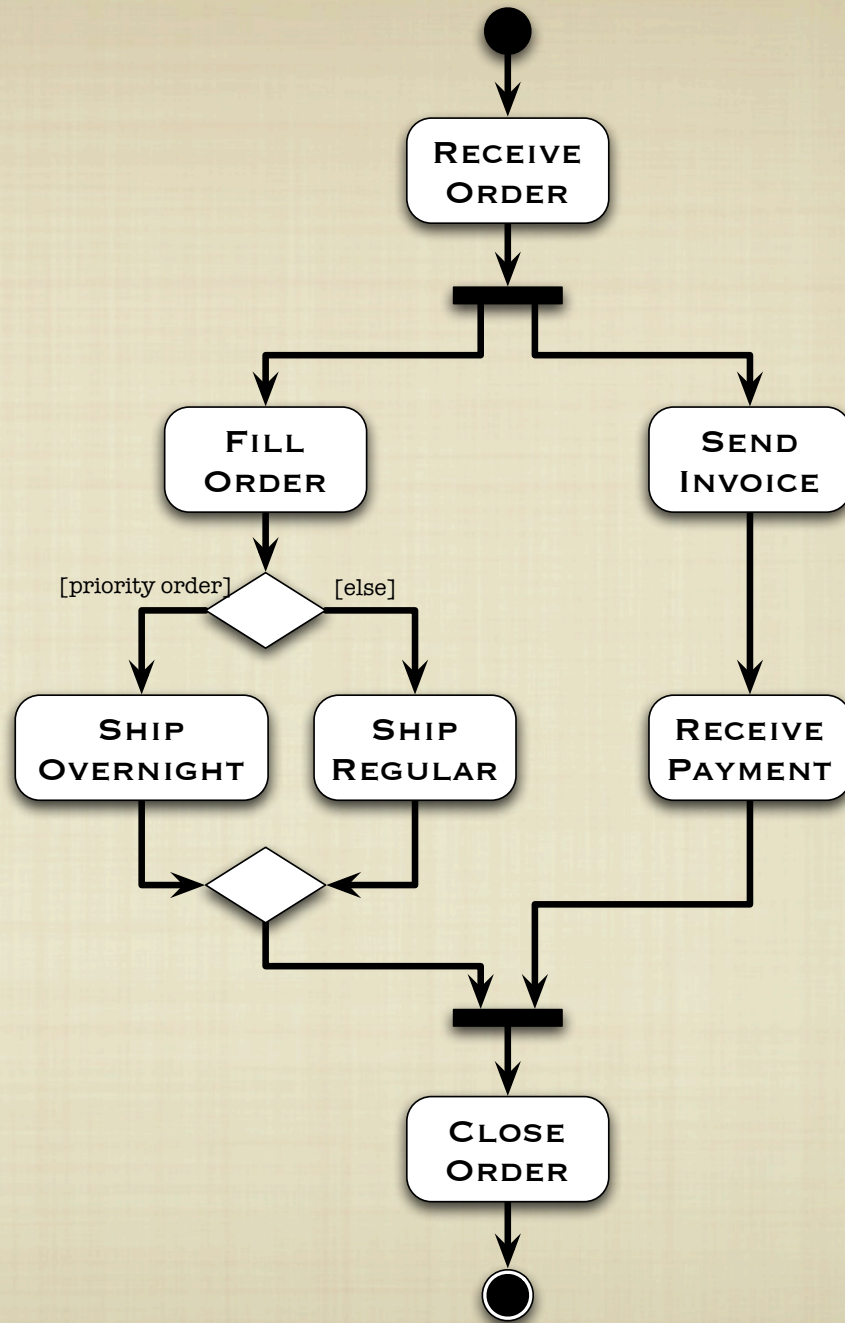
DECISIONS



FINALIZE ACTIVITY



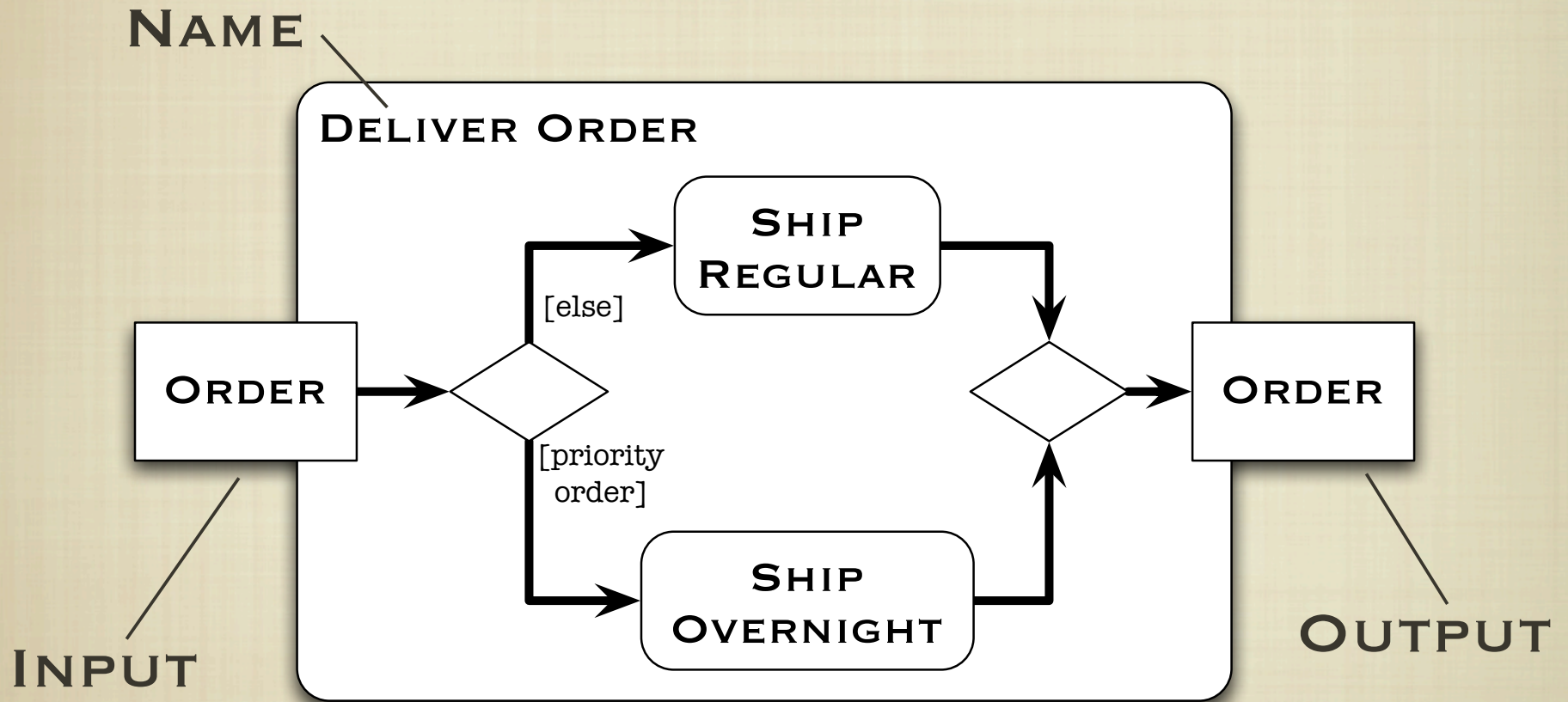
EXAMPLE



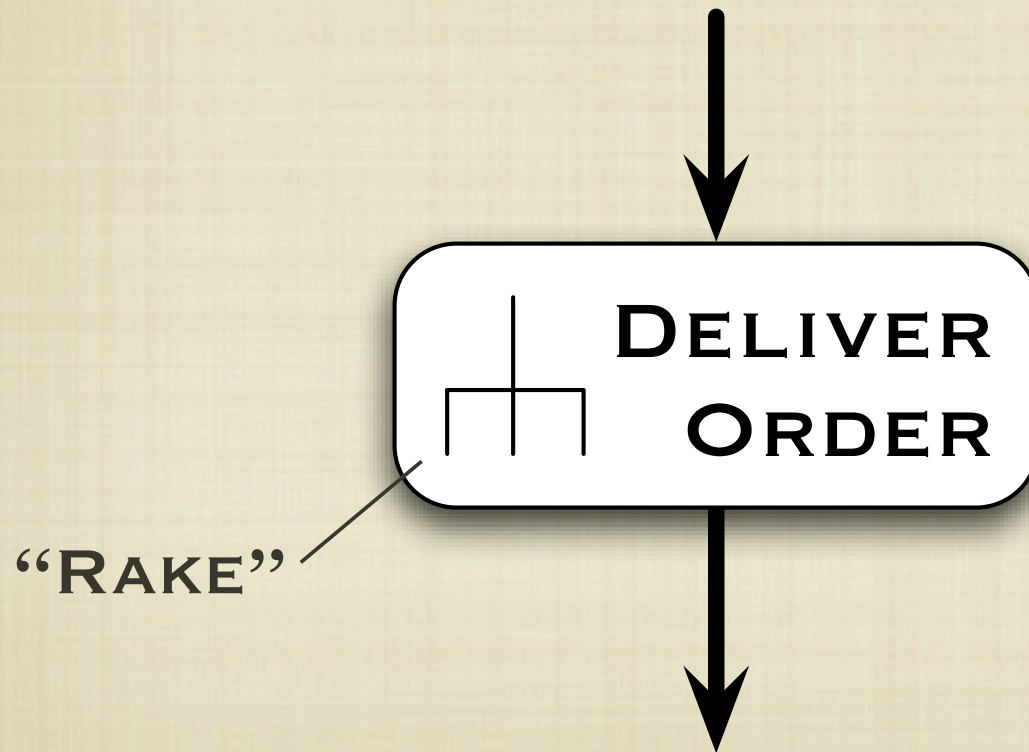
CARTOON OF THE DAY



SUBSIDIARY DIAGRAMS – DEFINITION



SUBSIDIARY DIAGRAMS – USE



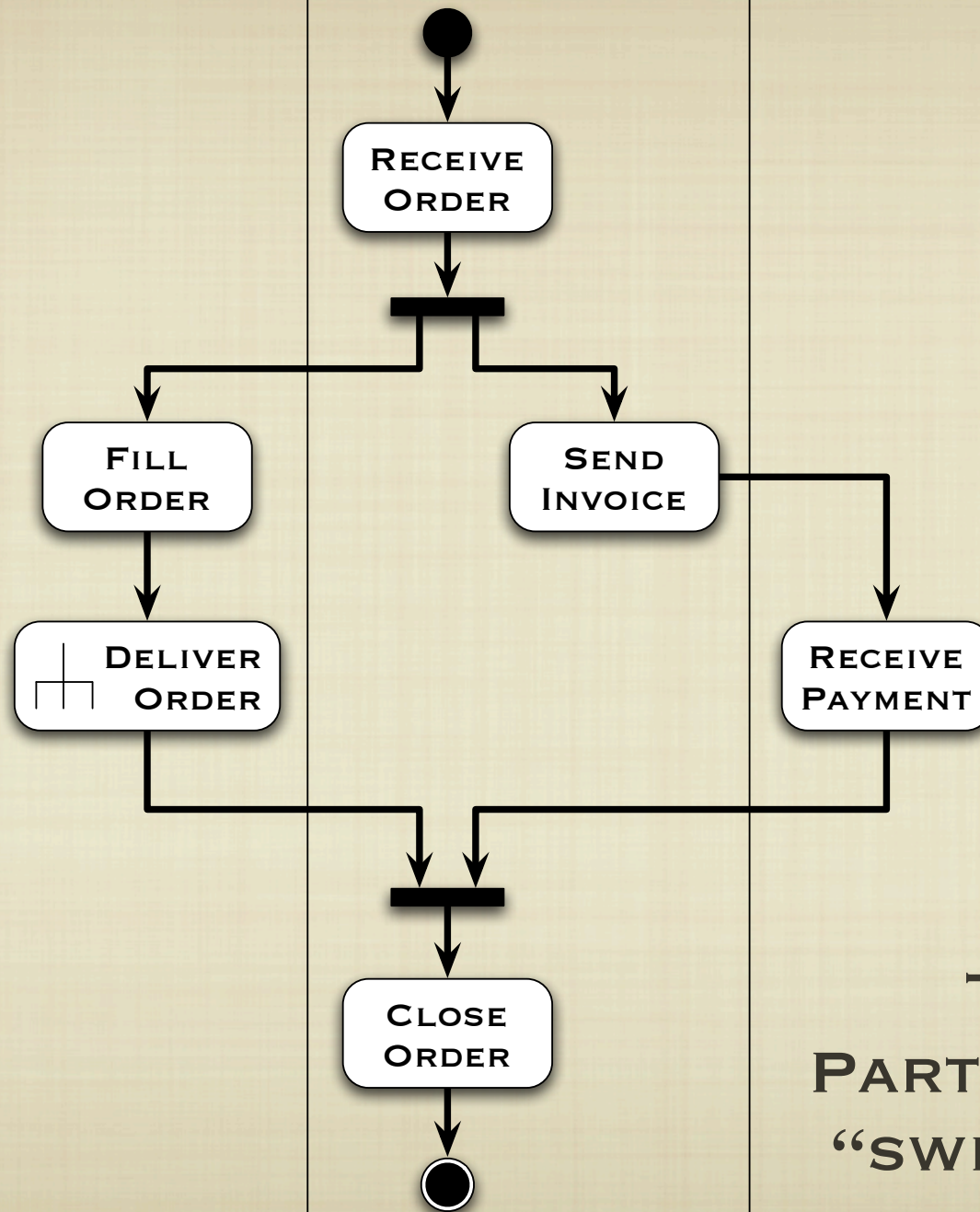
WHO DOES WHAT?

- USE “PARTITIONS” TO DIVIDE ACTIVITIES
 - BY CLASS/OBJECT FOR ALGORITHMS
 - BY ORGANIZATION FOR BUSINESS PROCESSES

FULFILLMENT

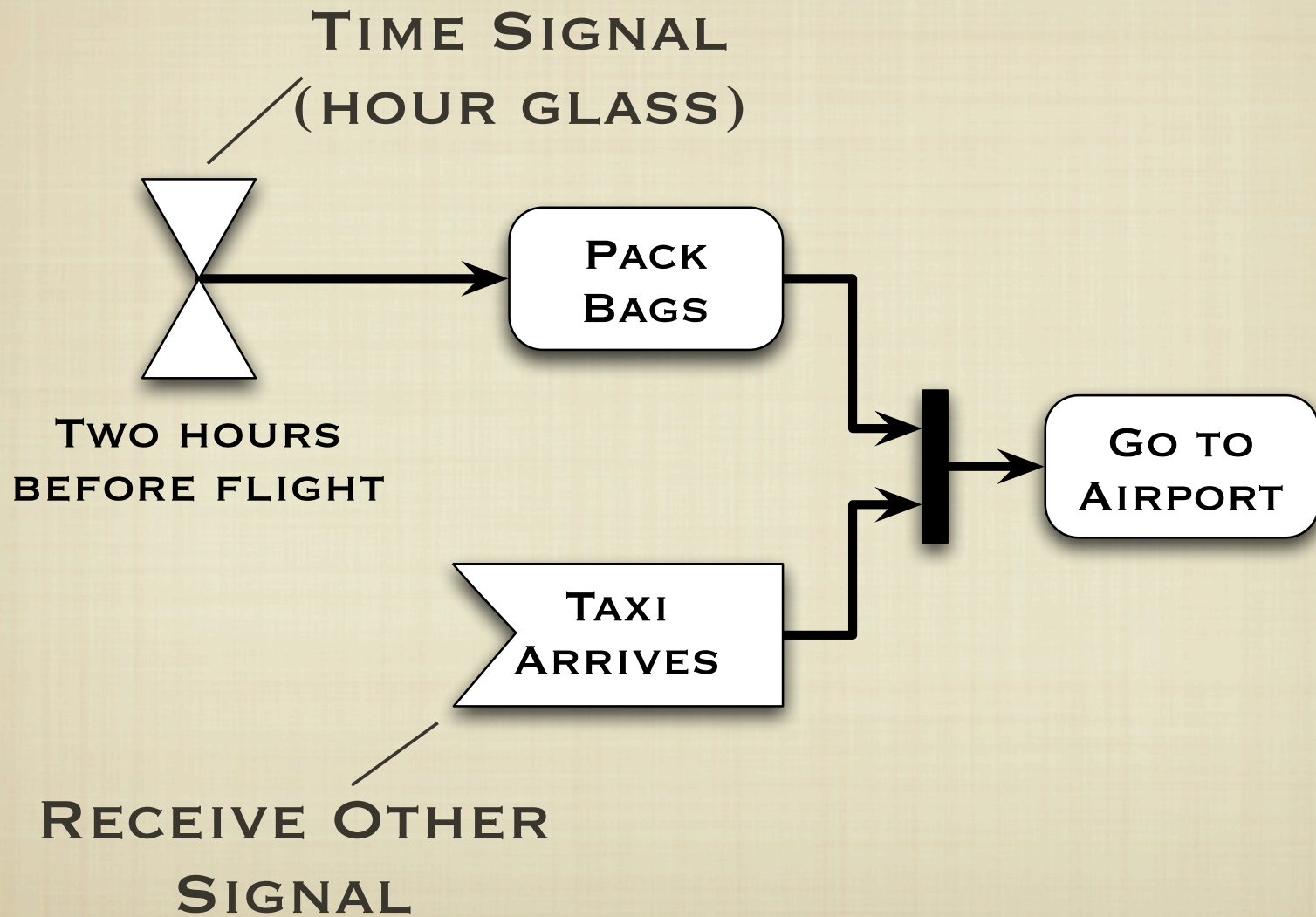
CUST. SERVICE

FINANCE

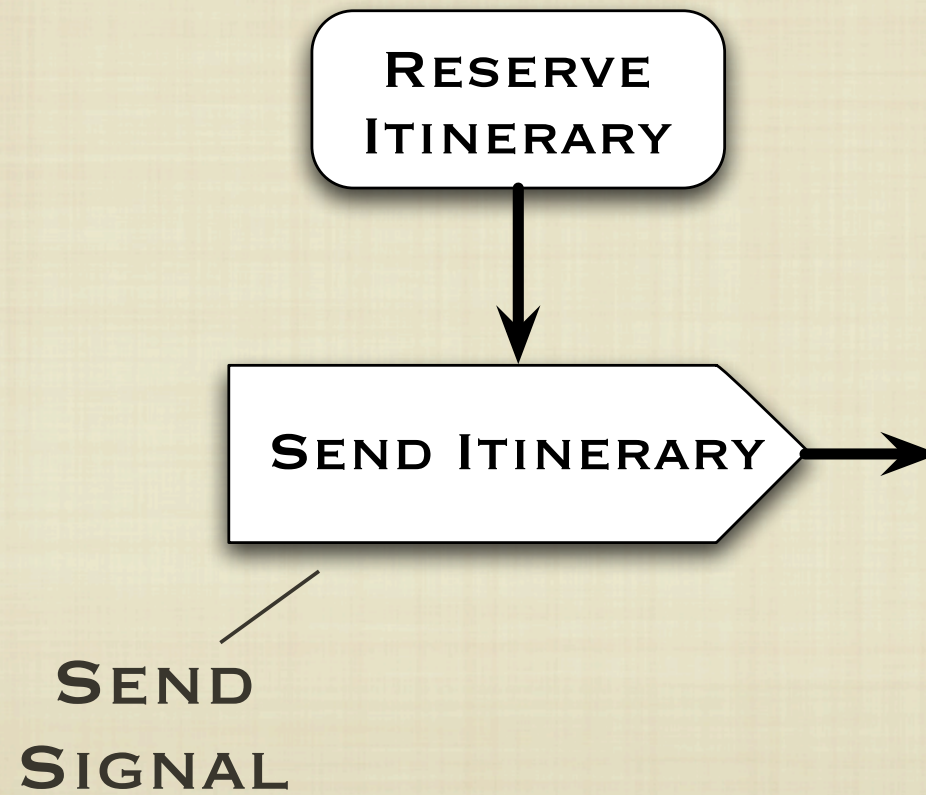


THREE
PARTITIONS, OR
“SWIM LANES”

SIGNALS



MORE SIGNALS



EXAMPLE

