

1-minute training course: How Inferencing works

□ A rule's action can be another rule's condition

○ Customer, Transaction

If **Customer.id** = Transaction.cid and **Customer.status** = "Gold client"
Then Transaction.priority = high

○ Transaction

If Transaction.priority = high
Then Transaction.shipmentDate = date(today)

□ At runtime, executions of one rule can cause other rules to become "valid"

○ E.g. 4 transactions => 2 transactions are high priority
and in the next rule execution

2 transactions high priority => 2 transactions shipment date set to today

□ Multiple "chains" of such inferences may be executed per rule engine "run"