**Agent Dialogue: Alice (Procurement) & Bob (Warehouse)**

**Step 1: Alice asks Bob about stock**

(KQML

:sender Alice

:receiver Bob

:performative ask-one

:content

(KIF

(available-stock "television"

(size "50-inch")))

)

**Step 2: Bob replies with available stock**

(KQML

:sender Bob

:receiver Alice

:performative tell

:content

(KIF

(= (available-stock "television" (size "50-inch")) 120))

)

*(Bob informs Alice that 120 units of 50-inch televisions are in stock.)*

**Step 3: Alice asks about HDMI slots**

(KQML

:sender Alice

:receiver Bob

:performative ask-one

:content

(KIF

(hdmi-slots "television"

(size "50-inch")))

)

**Step 4: Bob replies with specification**

(KQML

:sender Bob

:receiver Alice

:performative tell

:content

(KIF

(= (hdmi-slots "television" (size "50-inch")) 3))

)

*(Bob informs Alice that each 50-inch television has 3 HDMI slots.)*