### **Agent Dialogue Using KQML and KIF**

### Alice (Procurement Agent) initiates the conversation:

#### **Bob** (Warehouse Agent) responds to the stock level query:

```
(KQML (performative tell)
(sender Bob)
(receiver Alice)
(content
(KIF (number (stock-level (Television 50inch)) 30))))
```

# Alice now queries the number of HDMI slots in the televisions:

```
(KQML (performative ask-if)
    (sender Alice)
    (receiver Bob)
    (content
        (KIF (number-of (HDMI-slots (Television 50inch)) ?n))))
```

# **Bob responds with the number of HDMI slots:**

```
(KQML (performative tell)
    (sender Bob)
    (receiver Alice)
    (content
    (KIF (number (HDMI-slots (Television 50inch)) 3))))
```