```
module Exchange[i = 1 to 2]
  op deposit(int);
body
  int othervalue;
  sem ready = 0;   # used for signaling

  proc deposit(other) {     # called by other module
    othervalue = other;     # save other's value
    V(ready);               # let Worker pick it up
  }
  process Worker {
    int myvalue;
    call Exchange[3-i].deposit(myvalue);  # send to other
    P(ready);              # wait to receive other's value
    ...
  }
end Exchange
```

Figure 8.4 Exchanging values using RPC.