## Application level

## Key/value store level

```
put('UserBid:Alice:7', 40)
Bid(item: 7,
                              if 40 > get('MaxBid:7'):
    bidder: 'Alice',  ←
                                put('MaxBid:7', 40) 
    price: 40)
                                put('MaxBidder:7', 'Alice
                              put('UserBid:Bob:7', 50)
Bid(item: 7,
                              if 50 > get('MaxBid:7'):
    bidder: 'Bob',
                                put('MaxBid:7', 50)
    price: 50)
                                put('MaxBidder:7', 'Bob')
                              get('UserBid:7')
                              get('MaxBid:7')
View(item: 7)
                              get('MaxBidder:7')
  \rightarrow max bid: 50
                                 \rightarrow max bid: 50
```