

## Application level

```
Bid(item: 7,  
    bidder: 'Alice',  
    price: 40)
```

```
Bid(item: 7,  
    bidder: 'Bob',  
    price: 50)
```

```
View(item: 7)
```

→ max bid: 50

## Key/value store level

```
put('UserBid:Alice:7', 40)  
if 40 > get('MaxBid:7'):  
    put('MaxBid:7', 40)  
    put('MaxBidder:7', 'Alice')
```

```
put('UserBid:Bob:7', 50)  
if 50 > get('MaxBid:7'):  
    put('MaxBid:7', 50)  
    put('MaxBidder:7', 'Bob')
```

```
get('UserBid:7')  
get('MaxBid:7')  
get('MaxBidder:7')
```

→ max bid: 50

