

## position

- size\_: amount\_t
- total\_invested\_: amount\_t
- total\_realized\_profit\_: amount\_t
- open\_fee\_: fraction\_t
- close\_fee: fraction\_t

- apply\_fee(amount: amount\_t, fee: fraction\_t): amount\_t
- + position(): position
- + position(order: open\_order, open\_fee: fraction\_t, close\_fee: fraction\_t): position
- + increase(order: open\_order): void
- + close\_all(order: close\_all\_order): amount\_t
- + current\_value(market: price\_t): amount\_t
- + current\_profit<amount>(market: price\_t): amount\_t
- + current\_profit<percent>(market: price\_t): percent\_t
- + total\_realized\_profit<amount>(): amount\_t
- + total\_realized\_profit<percent>(): percent\_t
- + size(): amount\_t
- + total\_invested(): amount\_t
- + open\_fee(): fraction\_t
- + close\_fee(): fraction\_t