

View Tables

Used to build the display on Home

Account_value

ID

AccountValue

Join of Accounts and Lots_value where Accounts.ID = Lots_value.ID

Account value: Cash + sum(TotalValue) For each lot owned by The Account

Used on our Stocks display

price_movement
Ticker
date
price today
Price yesterday
Price three days ago

Join of price history, price_history, price_history

Join of Lots, price_history,price_history

```
create view lot value(TotalValue, ticker, Price, Previous, Shares, Basis, Lot, LotOwner, l date) as
     SELECT (num shares*currentPrice), ticker, CurrentPrice, Yesterday, num shares, (num shares*purchase price), lot num, id, pDate
     from lots NATURAL JOIN (select p.ticker, p.price as currentPrice, p.price date as pDate, o.price as Yesterday
          from price history as p left outer join price history as o
          on o.price date = DATE SUB(p.price date,INTERVAL 1 DAY) AND p.ticker = o.ticker) as stockStats
```

on t.price date = DATE SUB(pDate, INTERVAL 3 DAY) and t.ticker = day history. Ticker;

```
where purchase date <= stockStats.pDate;
```

```
from lot value right outer JOIN account on lot value.LotOwner=account.id
GROUP BY id,1 date;
```

SELECT IF (Total Value IS NOT NULL, sum (Total Value) + cash, cash), id, l date

```
create view price movement(ticker, price, pDate, one day, three day) as
     select day history. Ticker, day history. today, day history. pDate, day history. yesterday, t.price as three day from
```

```
(Select p.ticker as Ticker, p.price as today, p.price date as pDate, o.price as yesterday
from price history as p left outer join price history as o
on o.price date = DATE SUB(p.price date, INTERVAL 1 DAY) AND p.ticker = o.ticker) as day history left outer join price history as t
```

create view account value(accVal,id,aDate) as