

TASK 7 - Implement the Message Parser

TASK 6 - Define trade and quote parsers

TASK 8 - Publishing to Tickerplant Process

NECESSARY KNOWLEDGE

- Use of the verb *upsert*

I. AIM

Implement the *prs* function such that it updates internal caches TRADES or QUOTES depending on the msg/data.

II. INSTRUCTIONS

Open fh.q in your text editor and locate the line

```
prs:{[m;c;tf]
```

Extend the *prs* function such that it updates the internal caches TRADES or QUOTES depending on the msg/data.

III. TESTING

To test if the *prs* function as well as *qparse* and *tparse* projections are working correctly:

```
do[10;tparse 1 3 2!("BARC.L";"289.2674";"1274743")]

TRADES
```

The value of TRADES should be:

```
`BARC.L 289.2674 1274743
`BARC.L 289.2674 1274743
`BARC.L 289.2674 1274743
`BARC.L 289.2674 1274743
`BARC.L 289.2674 1274743
`BARC.L 289.2674 1274743
`BARC.L 289.2674 1274743
`BARC.L 289.2674 1274743
`BARC.L 289.2674 1274743
`BARC.L 289.2674 1274743
```

Then enter:

```
do[10;qparse 1 4 5 6 7!("BASFn.DE";"67.51";"67.59";"201";"201")]

QUOTES
```

The value of QUOTES should be:

```
`BASFn.DE 67.51 67.59 201 201  
`BASFn.DE 67.51 67.59 201 201  
`BASFn.DE 67.51 67.59 201 201  
`BASFn.DE 67.51 67.59 201 201  
`BASFn.DE 67.51 67.59 201 201  
`BASFn.DE 67.51 67.59 201 201  
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