

TASK 4 - Parsing Messages (Part 2)

TASK 4 - Parsing Messages (Part 1)

TASK 5 - Cast Values to q Types

NECESSARY KNOWLEDGE

- Parsing strings to dictionaries.

I. AIM

The aim of this task is to modify the *upd* function to call the *mparse* function and parse the strings from the simulator then print the dictionaries to screen.

II. INSTRUCTIONS

Open *fh.q* in your text editor and find the *upd* function:

```
upd: { [msgs]
```

Once you have located this modify the *upd* function to use the *mparse* function in some way to call the *p* function on each msg. All *mparse* should do for now is transform msgs to dictionaries as discussed in TASK 4 Part 1.

You should make use of *p* function and show the results using *ON!* in *mparse*

III. TESTING

To test if your modified *upd* function is performing correctly launch the feedhandler in one putty session:

```
q fh.q -tp localhost:5000 -p 4000
```

and the simulator in another

```
q simu.q -fh localhost:4000 -data data/messages
```

To test the feedhandler, in your simulator session enter:

```
do[20;pub[]]
```

Now switch to your feedhandler session and you should see a list of dictionaries containing key/value pairs similar to:

```
1 4 5 6 7! ("BARC.L"; "283"; "300"; "33900"; "4900")
```