

Testing the Discounts Processor Implementation

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1. Testing

Assuming that you are in this directory (`discounts-processor`), to test this backend you will need to open some terminals.

In my case, since I love to use `Tmux` I'll open it with this command:

```
$ tmux new-session -d \; send-keys "less README.adoc" C-m \; split-window -v \; split-window -v \; select-pane -t 0 \; attach
```

This will open a window with three panes:

1. The first one will keep showing this document.
2. The second pane (in the middle) I'll use to show the logs for the discounts-processor container.
3. The last pane (below in the screen) I'll use to execute the tests.



1. You don't need to use `Tmux` if you are unfamiliar with it. Just open three terminals (one to see this doc plus other two).
2. If you are using `Tmux`, the combination prefix key (`Ctrl` + `b`) plus `M` can be useful to enable or disable the mouse support.

So, in the terminal on the middle, type:

```
$ ./test.sh reconfigure discount-event-sender false
$ ./test.sh start-services
```

In the lower terminal opened, type:

```
$ ./test.sh run SingleProduct
```

```
$ ./test.sh restart-services

$ ./test.sh run MultiProduct
$ ./test.sh restart-services

$ ./test.sh run MostViewedMultipleViewsPerProduct
$ ./test.sh restart-services

$ # For the following test, check if the event is produced in Redpanda Console
manually.
$ ./test.sh run MostViewedMultipleViewsPerProduct now
$ ./test.sh stop-services
```

After all these tests, remember to reconfigure discount-event-sender again:

```
$ ./test.sh reconfigure discount-event-sender true
```

That's it!