

Backend internal interview (rust)

This is your first day working at NewRelic and a task named: “**Refactor** metric-consumer” has been assigned to you.

You will find the current metric-consumer code in the **be-technical-interview-rust.zip** file. It Contains:

- the `input.txt` file with some metric values. This file is used for testing. Metrics are represented in the following format: `<timestamp> <metric-name> <value>`

```
1650973075 cpu 47
1650973087 cpu 47
1650973099 mem 737917
1650973111 cpu 50
```

- The source code of the application. It runs the metric-consumer and tests it with the previous `input.txt` file. The result is written in the standard output.
- The `output_expected.txt` file checking the application is working as expected

We ask you to do 3 simple things:

1. Read the code and try to understand it.
2. Fix any issue with the actual code code and improve its quality. When the application is working as expected, the output and the content of `output_expeded.txt` should be the same.
3. Modify the application in order to be able to process multiple metrics in parallel.

This exercise can take too much time to complete, we are asking you to prioritize and not to waste more than 1 hour of your time. Note that the exercise is a starting point for a technical conversation.

Testing the code

For running the code just execute: `cargo run`

For testing the results compare the output with the `expected_output.txt`