Redpanda Connect Tester

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1. Running a simple test and through rpk

1. Step 1:

```
$ cat > naughty_man.blobl <<'EOF'
map remove_naughty_man {
  root = match {
    this.type() == "object" => this.map_each(item -> item.value.apply
("remove_naughty_man")),
    this.type() == "array" => this.map_each(ele -> ele.apply("remove_naughty_man"
)),
    this.type() == "string" => if this.lowercase().contains("voldemort") {
deleted() },
    this.type() == "bytes" => if this.lowercase().contains("voldemort") { deleted()
},
    _ => this,
  }
}

root = this.apply("remove_naughty_man")
EOF
```

2. Step 2:

```
$ cat > naughty_man_test.yaml <<'EOF'
tests:
  - name: test naughty man scrubber
    target_mapping: './naughty_man.blobl'
    environment: {}
    input_batch:
      - content: |
          {
            "summer_party": {
              "theme": "the woman in black",
              "guests": [
```

```
                    "Emma Bunton",
                    "the seal I spotted in Trebarwith",
                    "Voldemort",
                    "The cast of Swiss Army Man",
                    "Richard"
                  ]
                }
              }
        output_batches:
          -
            - json_equals: {
                "summer_party": {
                  "theme": "the woman in black",
                  "guests": [
                    "Emma Bunton",
                    "the dolphin I spotted in Trebarwith",
                    "The cast of Swiss Army Man",
                    "Richard"
                  ]
                }
              }
  EOF
```

3. Step 3:

```
$ rpk connnect test ./naughty_man_test.yaml
```

References: ref1

2. Testing

1. Start Redpanda:

```
$ ../../docker/up.sh redpanda-services
```

2. Stop Redpanda:

```
$ ../../docker/down.sh redpanda-services
```

3. References

- ref1:
  - https://docs.redpanda.com/redpanda-connect/guides/bloblang/walkthrough/#unit-testing