Labels in Prometheus Alerts

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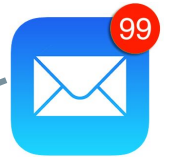
Prometheus

- Monitoring and Alerting
- Scrapes metrics
- Generates alerts

Alerts and Notifications

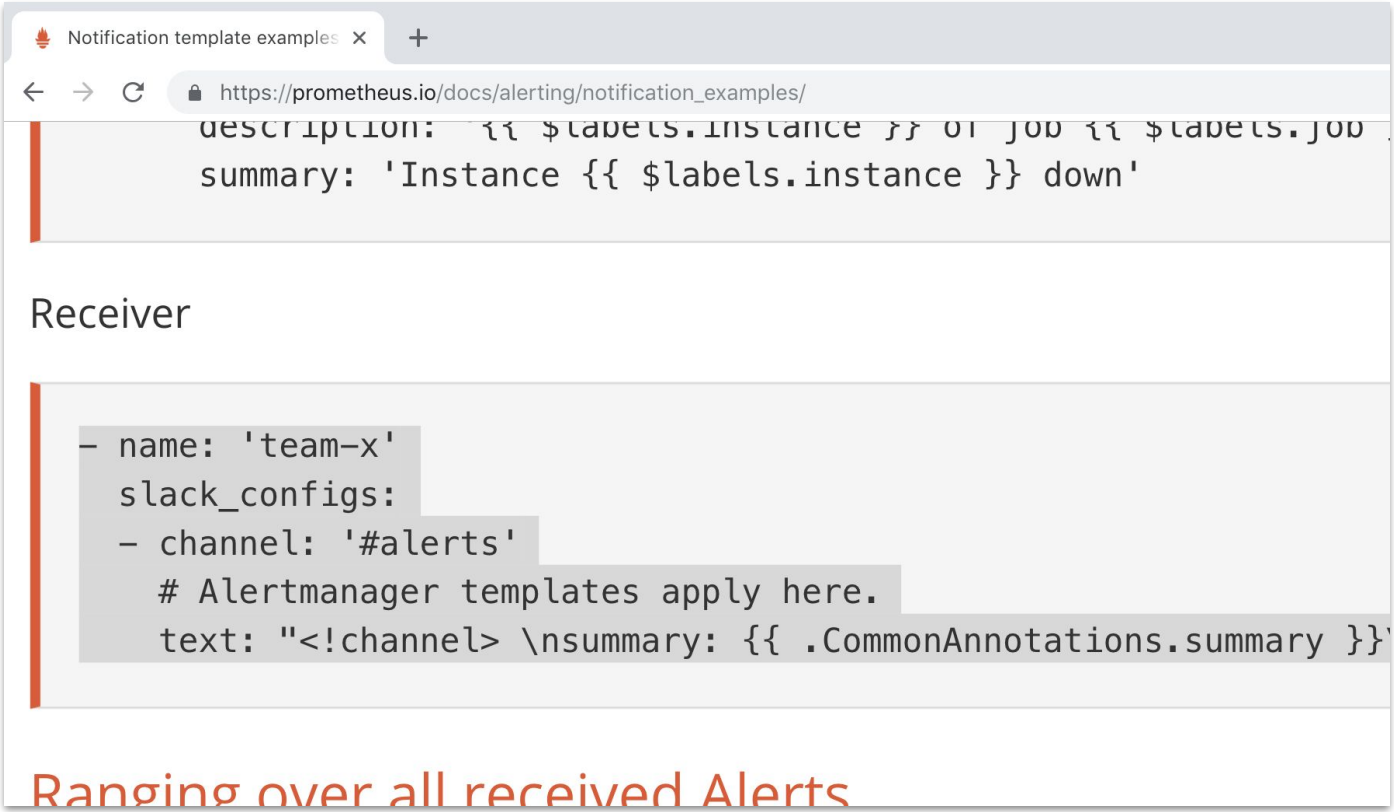
Notification templates



Example

```
  - alert: InstanceDown
    expr: up == 0
    for: 5m
    annotations:
      summary: "Instance down"
      description: "{{$labels.instance}} of
job {{$labels.job}} has been down for more
than 5 minutes."
```

Prometheus documentation



What we get in Slack

AlertManager APP 8:34 PM

Instance down

distributor:8081 of job distributor has been down for more than 5 minutes.

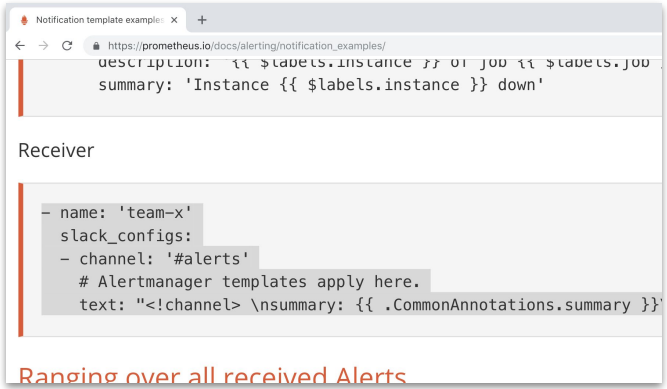
One day the description was blank!

[FIRING:4] InstanceDown

summary: Instance down

description:

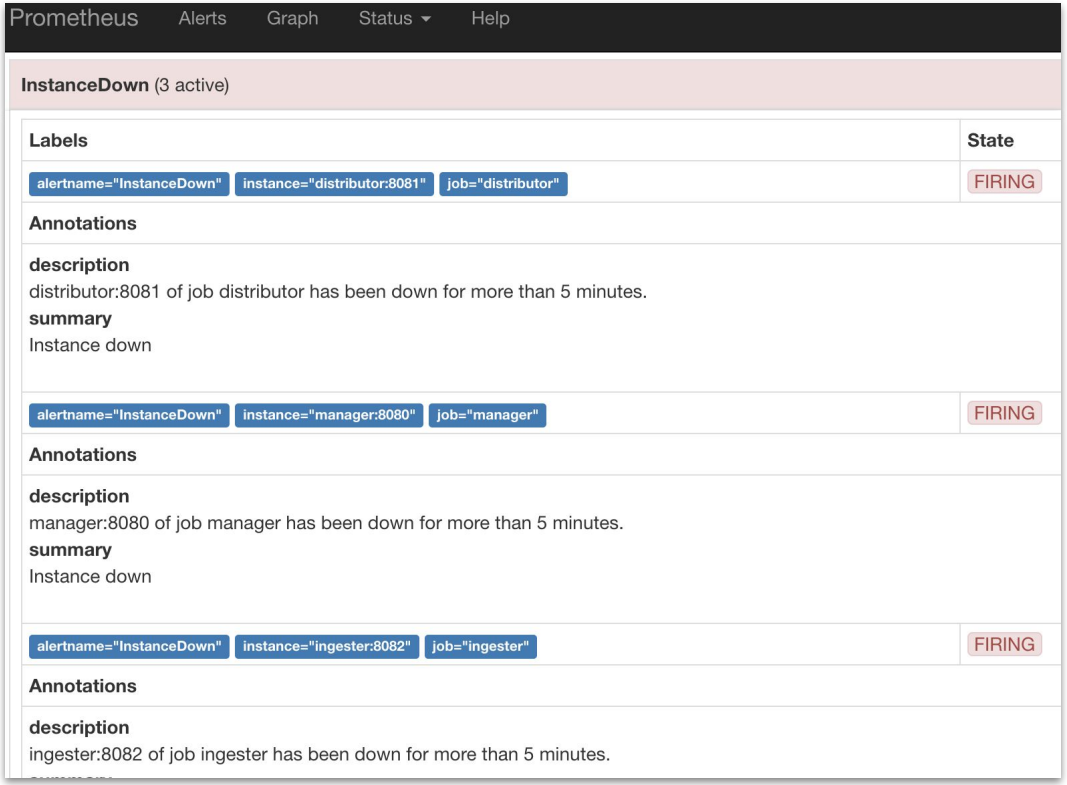
What did we really do?




```
text: "…

description:
{{
.CommonAnnotations.description
}}"
```

Multiple alerts



Better template

```
{{ define "slack.custom.text" }}
    {{ if .CommonAnnotations.description }}
        {{ .CommonAnnotations.description }}
    {{ else }}
        {{ range $i, $alert := .Alerts }}
            {{ .Annotations.description }}
        {{ end }}
    {{ end }}
{{ end }}
```

Blog post: http://bit.ly/labels-think

Notifications with new template

AlertManager APP 8:34 PM

Instance down

distributor:8081 of job distributor has been down for more than 5 minutes.

AlertManager APP 4:00 PM

Instance down

distributor:8081 of job distributor has been down for more than 5 minutes.
ingester:8082 of job ingester has been down for more than 5 minutes.
manager:8080 of job manager has been down for more than 5 minutes.

Prometheus Brings Fire by Heinrich Friedrich Füger.

http://www.msnbc.com/sites/msnbc/files/2013/05/mission_accomplished.jpg

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Thanks!

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