Node file descriptor usage

```yaml
- name: node_file_descriptor_usage
  rules:
    - record: node_file_descriptor_usage_rule
      expr: node_filefd_allocated / node_filefd_maximum * 100
      labels:
        node1: node_file_descriptor_usage
    #when you open a file, the operating system creates an entry to represent that file and store the inform
ation about that opened file. So if there are 100 files opened in your OS then there will be 100 entries in
OS (somewhere in kernel). These entries are represented by integers like (...100, 101, 102....). This entry
number is the file descriptor.
```

```yaml
- name: node_file_descriptor_usage
  rules:
    - alert: node_file_descriptor_usage_alert
      expr: node_file_descriptor_usage_rule > 80
      for: 1m
      annotations:
        summary: "file descriptor in {{ $labels.instance }}"
        description: "file descriptor is {{ $value }}"
```

```yaml
global:
route:
  receiver: 'slack'
  group_by: ['alertname']
  group_wait: 10s
  group_interval: 15s

receivers:
  - name: 'slack'
    slack_configs:
      - channel: "#devops_team"
        send_resolved: true
        api_url: 'https://hooks.slack.com/services/T086Y          THQF/P2ko8X4S46ZiUc8SyJghwrre'
        title: '{{ .CommonAnnotations.summary }}'
        text: '{{ .CommonAnnotations.description }}
```

Node exporter - node1				1 / 1 up
Endpoint	**Labels**		**Last scrape**	**State**
http://192.16 :9100/metrics	instance="192.1 :9100" job="Node exporter - node1"		↻ 3.636s ago ⧗ 44ms	UP

node_file_descriptor_usage /etc/prometheus/rules.yml		↻ last run 58.824s ago ⧗ took 1ms ↻ every 15s
∿ node_file_descriptor_usage_rule		↻ 58.89s ago ⧗ 1ms OK
node_filefd_allocated / node_filefd_maximum * 100		
node1="node_file_descriptor_usage"		

node_file_descriptor_usage /etc/prometheus/alert_rules.yml

🔔 node_file_descriptor_usage_alert

🔄 last run 13.89s ago   🗒 took 1ms   🔁 every 15s

🔄 14.134s ago   🗒 1ms   **OK**   ⌃

```
node_file_descriptor_usage_rule > 80
```

🕐 for: 1m

description	file descriptor is {{ $value }}
summary	file descriptor in {{ $labels.instance }}

---

node_file_descriptor_usage /etc/prometheus/alert_rules.yml

INACTIVE (1)

node_file_descriptor_usage_alert   ⌃

```
node_file_descriptor_usage_rule > 80
```

🕐 for: 1m

description	file descriptor is {{ $value }}
summary	file descriptor in {{ $labels.instance }}