

Fluent Bit Cheatsheet

Installation

Debian/Ubuntu

```
sudo apt-get update && sudo apt-get install -y fluent-bit
```

CentOS/RHEL

```
sudo yum install -y fluent-bit
```

Docker

```
docker pull fluent/fluent-bit
```

Binary

```
wget https://fluentbit.io/releases/latest/fluent-bit.tar.gz  
&& tar -xzf fluent-bit.tar.gz
```

Service Management

Start service

```
sudo systemctl start fluent-bit
```

Stop service

```
sudo systemctl stop fluent-bit
```

Restart service

```
sudo systemctl restart fluent-bit
```

Check status

```
sudo systemctl status fluent-bit
```

Enable at boot

```
sudo systemctl enable fluent-bit
```

Configuration

Main config file

```
/etc/fluent-bit/fluent-bit.conf
```

Parsers config

```
/etc/fluent-bit/parsers.conf
```

Plugins config

```
/etc/fluent-bit/plugins.conf
```

Test configuration

```
fluent-bit -c /etc/fluent-bit/fluent-bit.conf -d
```

Runtime Commands

Start with config

```
fluent-bit -c fluent-bit.conf
```

Run in foreground

```
fluent-bit -v
```

Run with specific input

```
fluent-bit -i cpu
```

Run with specific output

```
fluent-bit -o stdout
```

Input and output

```
fluent-bit -i cpu -o stdout
```

Flush interval

```
fluent-bit -f 5
```

Metrics & Monitoring

Enable HTTP server

```
fluent-bit -H
```

Set HTTP port

```
fluent-bit -H -P 9999
```

Get metrics

```
curl http://localhost:2020/api/v1/metrics
```

Get uptime

```
curl http://localhost:2020/api/v1/uptime
```

Troubleshooting

Debug mode

```
fluent-bit -vv
```

Trace mode

```
fluent-bit -vvv
```

Check plugin

```
fluent-bit -i dummy -o stdout -p
```

Dump internal plugins

```
fluent-bit -l
```

View parsed logs

```
fluent-bit -i tail -p path=/var/log/syslog -o stdout -p  
format=json_lines
```

Docker Commands

Run container

```
docker run -p 24224:24224 fluent/fluent-bit
```

Run with custom config

```
docker run -p 24224:24224 -v /path/to/config:/fluent-bit/etc fluent/fluent-bit
```

Healthcheck

```
docker exec -it [container_id] curl http://localhost:2020/api/v1/health
```