

# Continuous Monitoring on Docker with ELK Stack

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## **Project Objective:**

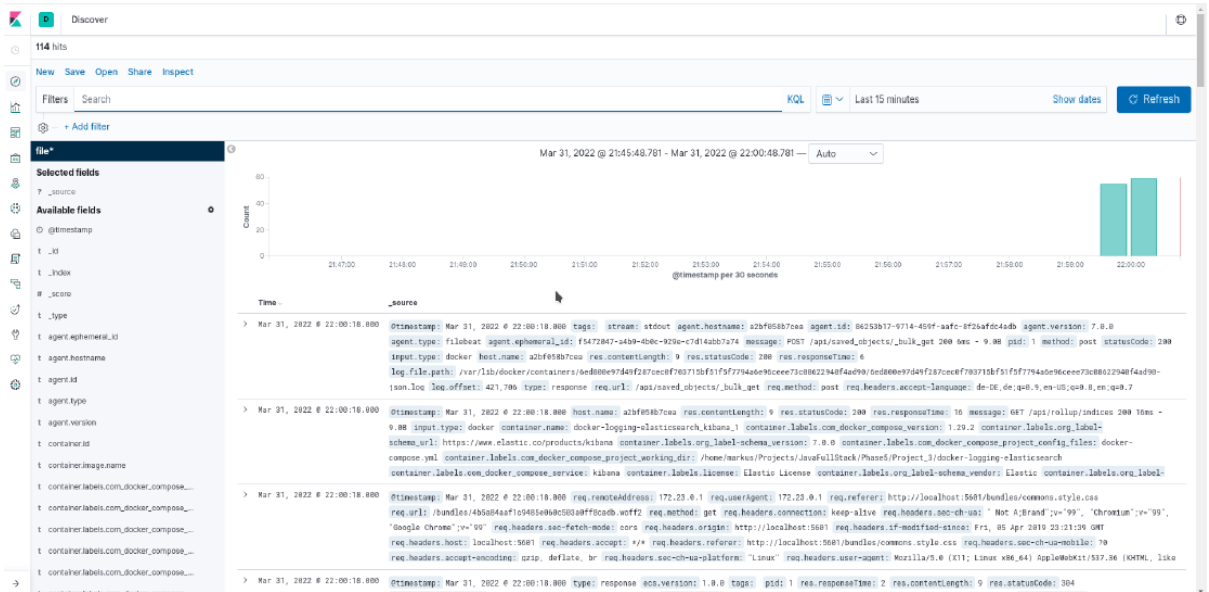
CM on Docker with ELK stack is the process that helps developers to monitor the application in real-time using Kibana.

## **Technologies:**

- Docker
- Docker Compose
- Elasticsearch
- Logstash
- Kibana
- Spring Boot application

Screens

```
branch master" totgt nun "ortgtlt/master".
(base) markus@Labor:~/Projects/JavaFullStack/Phase5/Project_3$ sudo docker ps
[sudo] Passwort für markus:
CONTAINER ID   IMAGE                                     COMMAND                  CREATED        STATUS        PORTS
6ed806e97d49   docker.elastic.co/kibana/kibana:7.0.0   "/usr/local/bin/kiba..." 25 hours ago   Up 25 hours   0.0.0.0:5601->5601/tcp, :::5601->
5601/tcp
a2bf058b7cea   docker-logging-elasticsearch_kibana_1   "/usr/local/bin/dock..." 25 hours ago   Up 25 hours
c41dddec5925   docker.elastic.co/elasticsearch/elasticsearch:7.0.0   "/usr/local/bin/dock..." 25 hours ago   Up 25 hours   0.0.0.0:9200->9200/tcp, :::9200->
9200/tcp, 9300/tcp
e844538aa1c1   docker-logging-elasticsearch_demo       "java -Djava.securit..." 25 hours ago   Up 25 hours   0.0.0.0:8080->8080/tcp, :::8080->
8080/tcp
(base) markus@Labor:~/Projects/JavaFullStack/Phase5/Project_3$
```



Create index pattern

★ file\*

★ file\*

Time Filter field name: @timestamp

This page lists every field in the **file\*** index and the field's associated core type as recorded by Elasticsearch. To change a field type, use the Elasticsearch [Mapping API](#)

Fields (1414)

Scripted fields (0)

Source filters (0)

Q Filter

All field types

Name	Type	Format	Searchable	Aggregatable	Excluded
@timestamp	date		●	●	
@version	number		●	●	
_id	string		●	●	
_index	string		●	●	
_score	number				
_source	_source				

**Github project link:**

**[https://github.com/tootyy147/CM\\_ELK\\_stack/](https://github.com/tootyy147/CM_ELK_stack/)**