



Verteilte Systeme: File-Sharing Plattform

Agenda

Teammitglieder

Use Case

Architektur

Projekt



Teammitglieder



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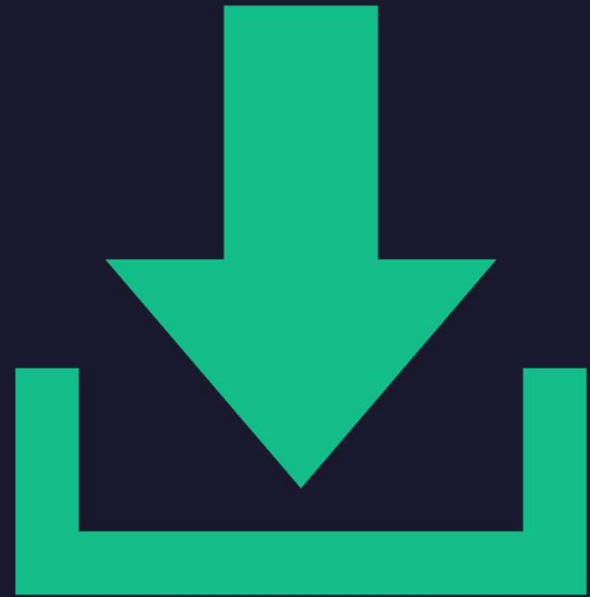




Anforderungen

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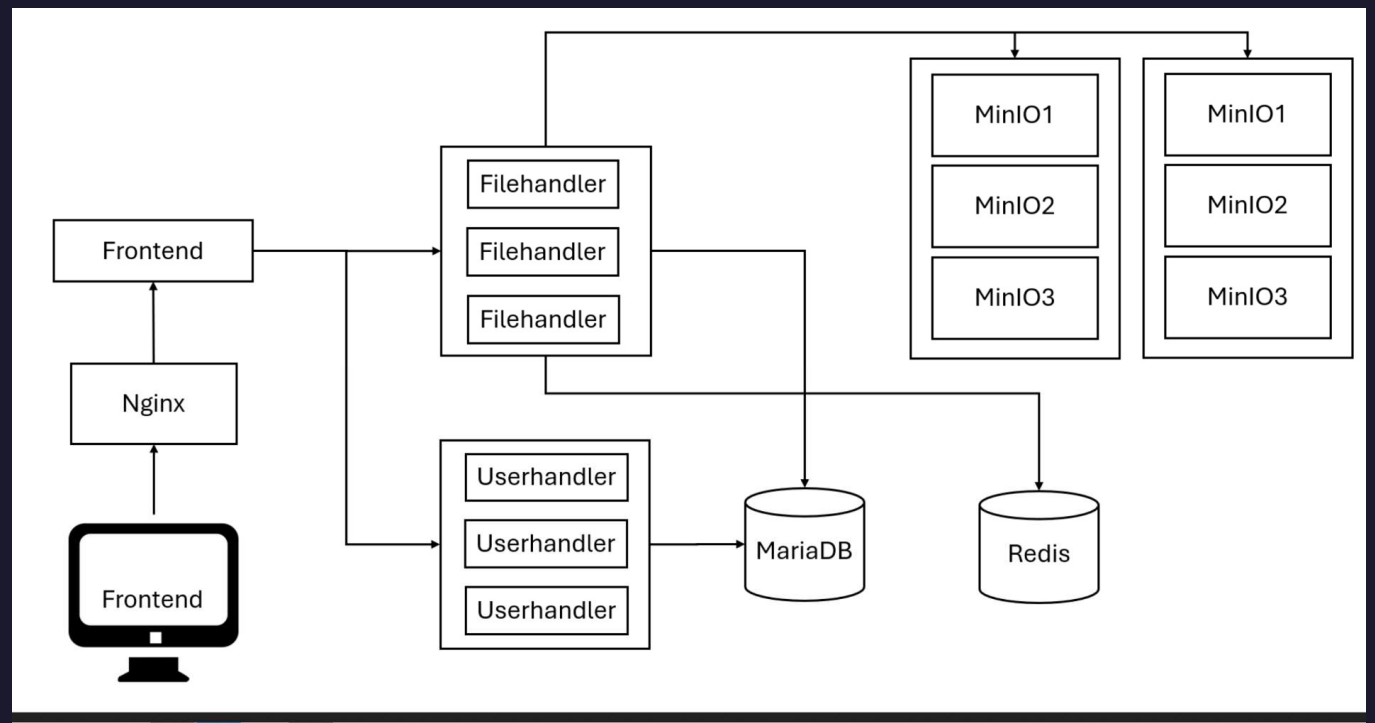
- File-Sharing Plattform
- Zwischen 2 Personen
- Skalierung
- Load Balacing





Architektur

Architektur



MinIO / Shards

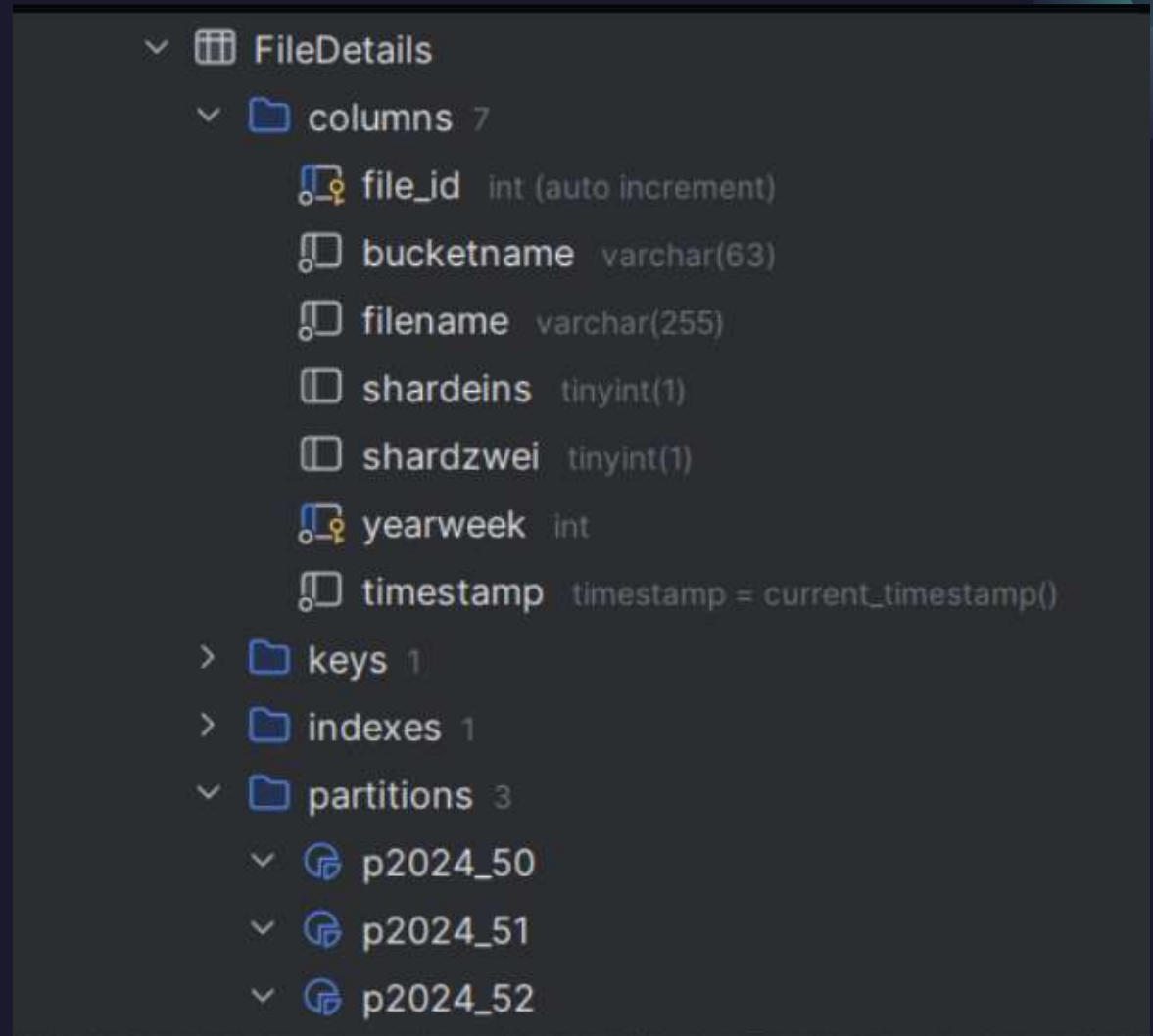
```

  minio
  ├── shard1
  │   ├── data1
  │   │   ├── .minio.sys
  │   │   └── aziz-sven-bucket
  │   ├── data2
  │   │   ├── .minio.sys
  │   │   └── aziz-sven-bucket
  │   └── data3
  │       ├── .minio.sys
  │       └── aziz-sven-bucket
  └── shard2
      ├── data1
      ├── data2
      └── data3

```


Partitionierung

- Tabelle FileDetails
- Horizontale Partitionierung
- Spalte "yearweek"





Projekt

Error handling



```
log.error("Error occurred while uploading file", e);
```



Live Demo

Vielen Dank!

