

*What Is Great About Modern*  
**MONOLITHIC** *Applications?*

**PHILIPP KRENN**

**@XERAA**

# EXAMPLE: ELASTICSEARCH

<https://github.com/elastic/elasticsearch>

# cloc ./elasticsearch

Language	files	blank	comment	code
Java	16,909	385,127	329,373	2,484,496
AsciiDoc	1,713	51,111	1,3931	236,055
YAML	1,550	21,107	3,978	191,261
JSON	856	27	0	62,579
Gradle	384	3,055	2,686	18,762
XML	84	596	1,191	9,258

# ONE REPOSITORY

```
git clone https://github.com/elastic/elasticsearch.git
```

**ONE VERSION  
CURRENTLY 8.7.1**

# ONE DOCUMENTATION ATOMIC COMMITS & TESTED

# ONE BUILD

```
cd elasticsearch/ && ./gradlew assemble
```

# ONE ENDPOINT

```
curl -u user:password https://localhost:9200
```



**ONE PROCESS**  
./elasticsearch

...**THAT SCALES**  
**3+ NODES (QUORUM)**

**...WITH DIFFERENT PROFILES**  
**OPTIMIZED HARDWARE**

**... AND NO DEPENDENCIES  
ZOOKEEPER ANYONE?**

**... AND LESS CI COMPLEXITY  
INCLUDING END-TO-END TESTS**

**DOWNSIDE**

**ALL OR NOTHING UPGRADE**

**DOWNSIDE**  
**NO FEATURE SUBSET**

**DOWNSIDE**

**NO "SIMPLE" MODE**



# ...THOUGH DEV VS PROD MODE

**WHAT IS RIGHT?  
IS THERE A WRONG?**

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