

What Is Great About Modern MONOLITHIC Applications?

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EXAMPLE: ELASTICSEARCH

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

cloc ./elasticsearch

Language	files	blank	comment	code
Java	14,486	316,094	366,006	1,823,150
AsciiDoc	1,655	44,472	10,584	196,690
YAML	945	14,267	3,087	111,839
JSON	567	18	0	41,206
Gradle	308	2,217	3,342	14,958

ONE REPOSITORY

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

**ONE VERSION
CURRENTLY 7.10.0**

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

DOWNSIDE

ALL OR NOTHING UPGRADE

DOWNSIDE
NO FEATURE SUBSET

DOWNSIDE

NO "SIMPLE" MODE

...THOUGH DEV VS PROD

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

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