Micro Services
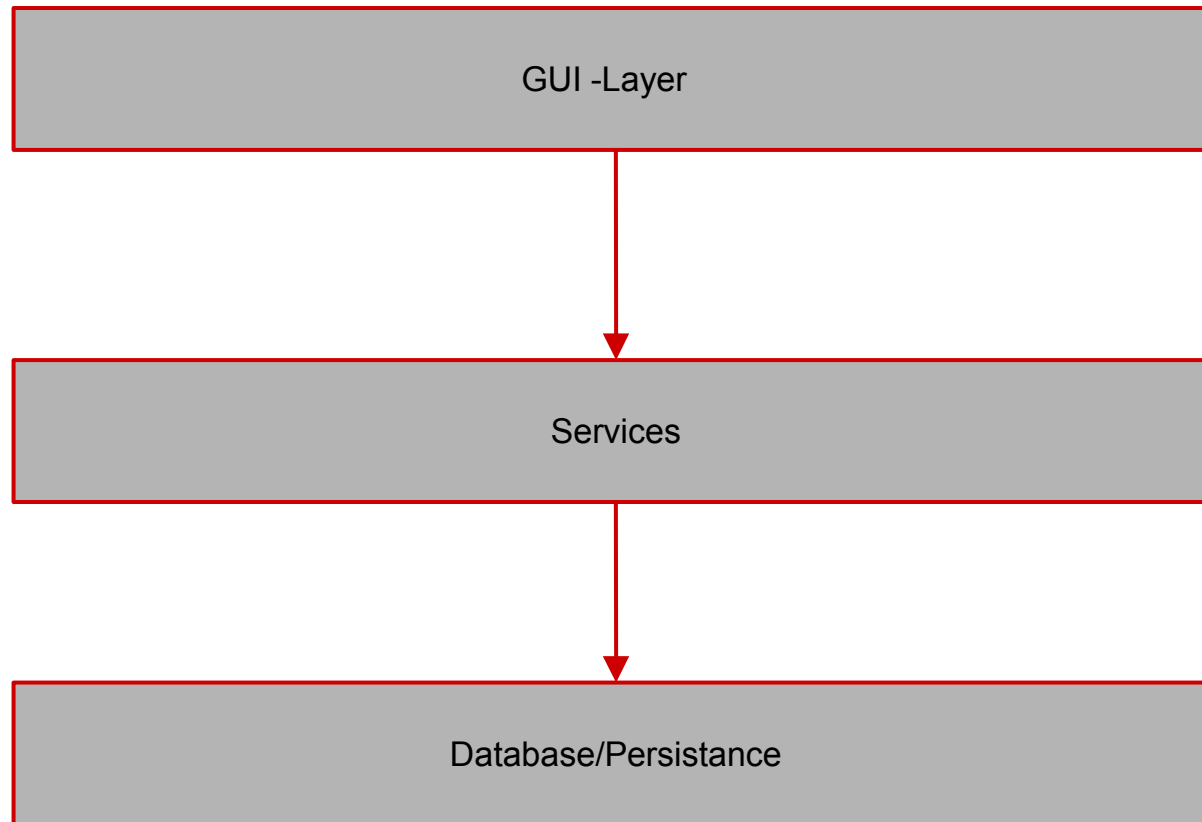
Sebastian Mancke
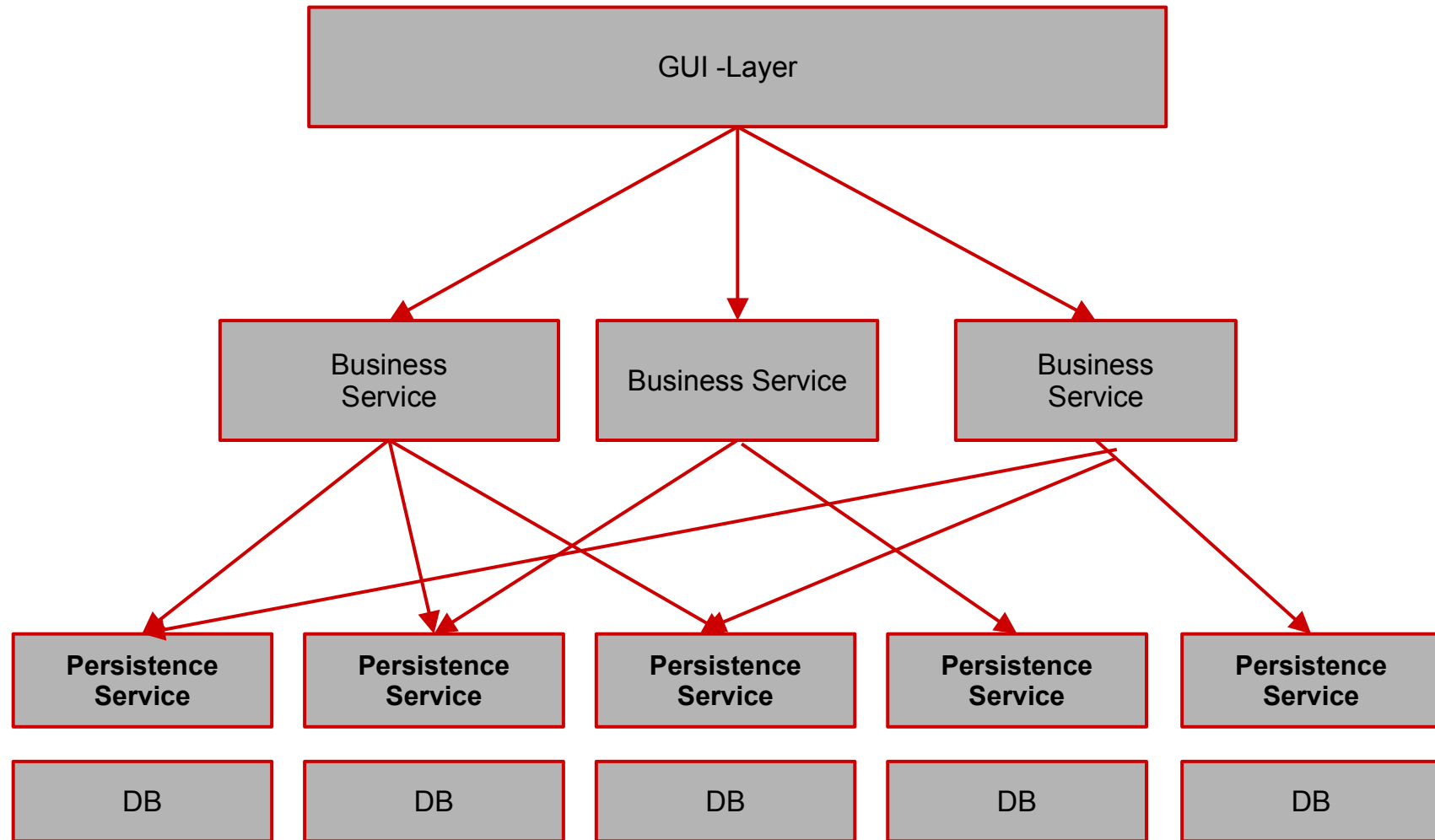
↪ tarent

Avoid a Monolyth

↪ **Monolyths arise from bad design,**

   independent of the technology!

- You can build a monolyth with every software framework.
- Even distributed systems with a lot of services can be monolythic.
- And even software with monolythic builds and deployments may have a good internal structure.

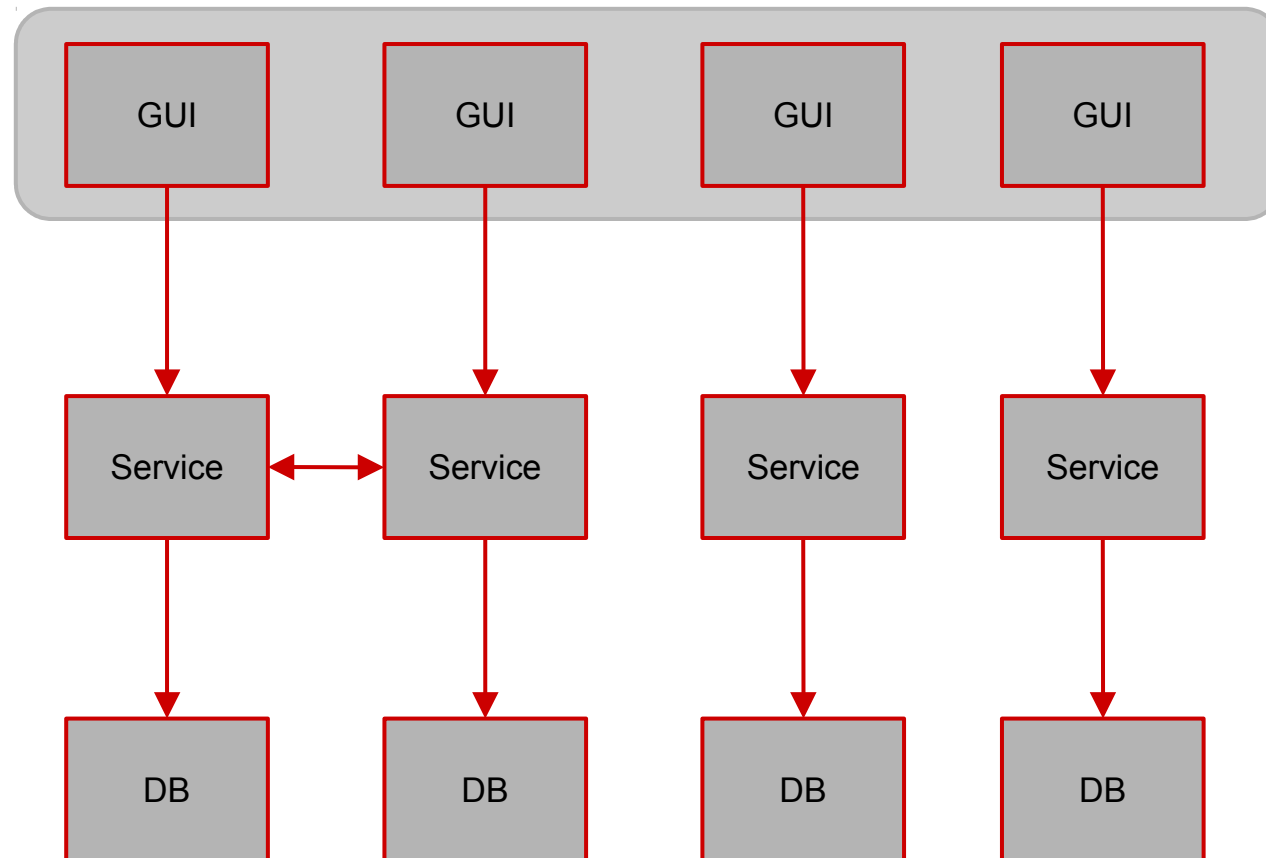↪ **So, chosing a popular micro services framework is not enough!**

Think Vertical!

↪ Split the application in functional modules

↪ Maximal reduction of dependencies
between different functional parts

↪ Vertical teams (End-to-End)

Classical Approach

```
┌─────────────────────────────────┐
│           GUI -Layer            │
└─────────────────────────────────┘
                 │
                 ▼
┌─────────────────────────────────┐
│            Services             │
└─────────────────────────────────┘
                 │
                 ▼
┌─────────────────────────────────┐
│       Database/Persistance      │
└─────────────────────────────────┘
```

SOA Approach

↦ tarent

Thank You!