INDEPENDENT API-BASED SERVICES

- Independently deployed API service advantages:

  - independent: languages, platform/technology, deployments

  - robust = does one thing = small surface area = simplicity

  - "share nothing" architecture = more flexible systems

INDEPENDENT API-BASED SERVICES

- Independently deployed API service disadvantages:

  - non-trivial ecosystem needed: auth/authz, logging, analytics, CI/CD, configuration and secrets management, etc.

  - asynchronous communication is hard

  - distributed systems are _really_ hard

  - getting the service boundaries right is hard