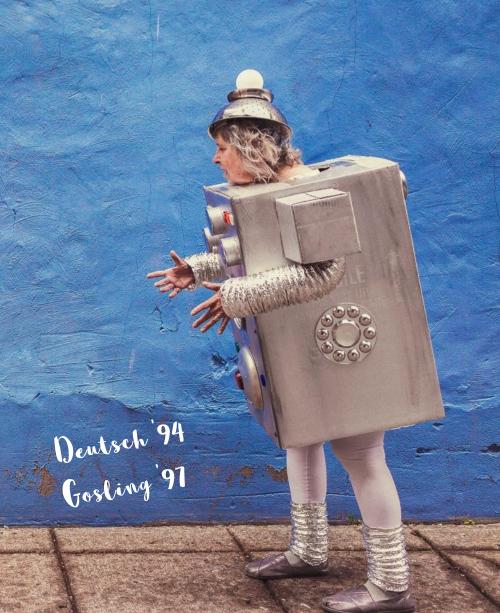


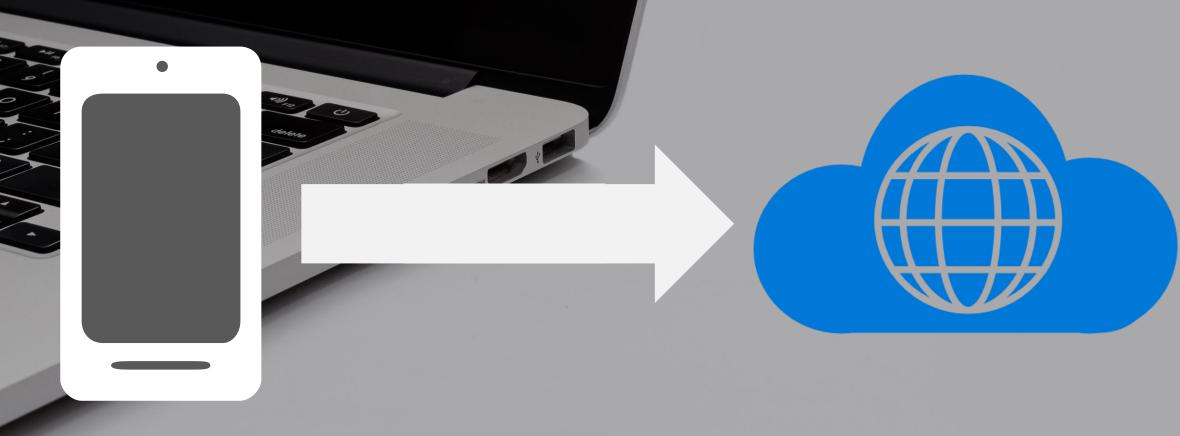


8 FALLACIES OF DISTRIBUTED COMPUTING

- 1. THE NETWORK IS RELIABLE.
- 2. LATENCY IS ZERO.
- 3. BANDWIDTH IS INFINITE.
- 4. THE NETWORK IS SECURE.
- 5. TOPOLOGY DOESNET CHANGE.
- 6. THERE IS ONE ADMINISTRATOR.
- 7. TRANSPORT COST IS ZERO.
- 8. THE NETWORK IS HOMOGENEOUS.







OUR GOALS

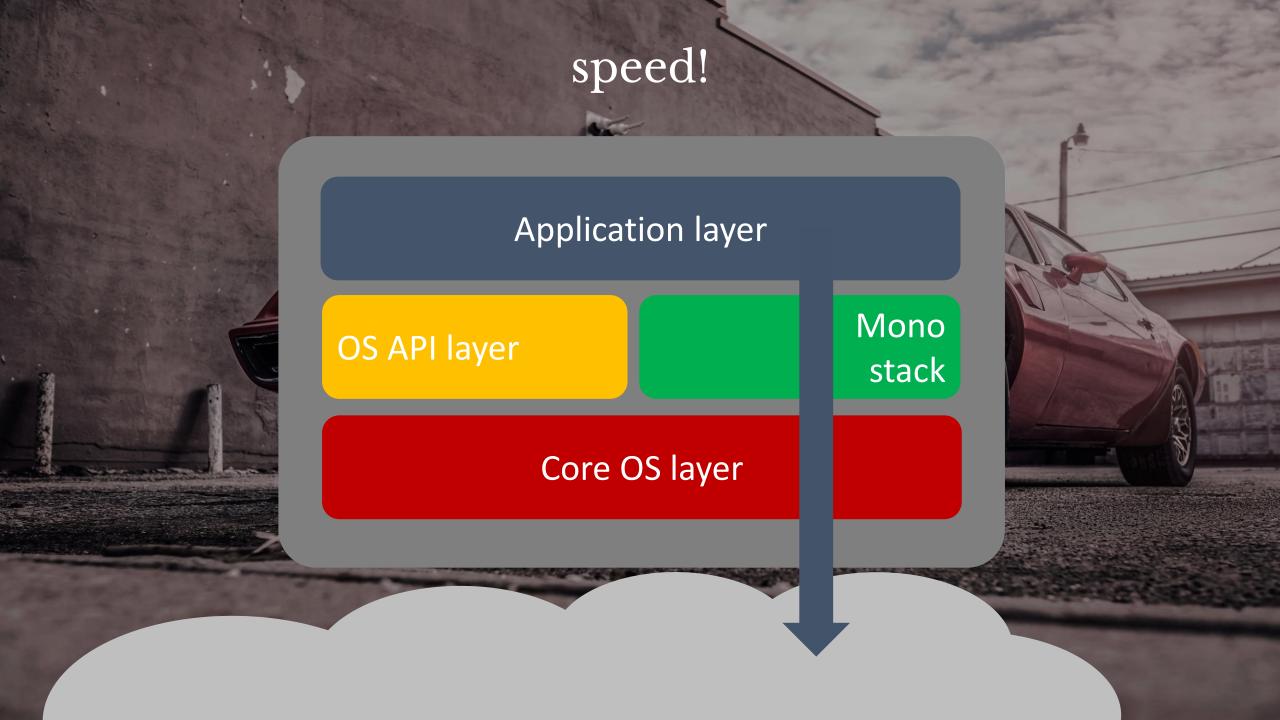
- 1.Do less coding
- 2.Speed!
- 3. Work offline
- 4.Deal with errors

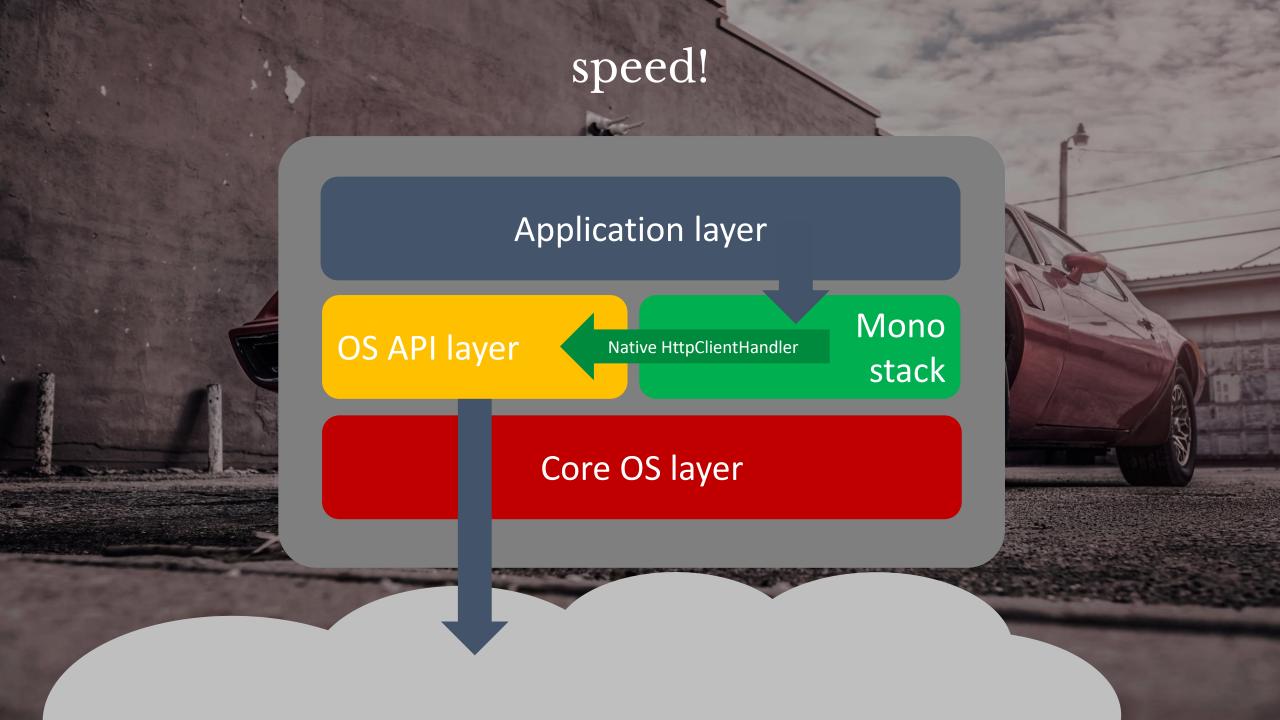
























deal with errors

WHAT DOYOU DO?

RETRY

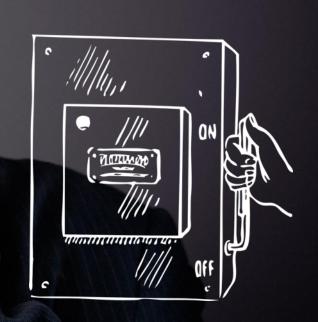
How often?

At what interval?

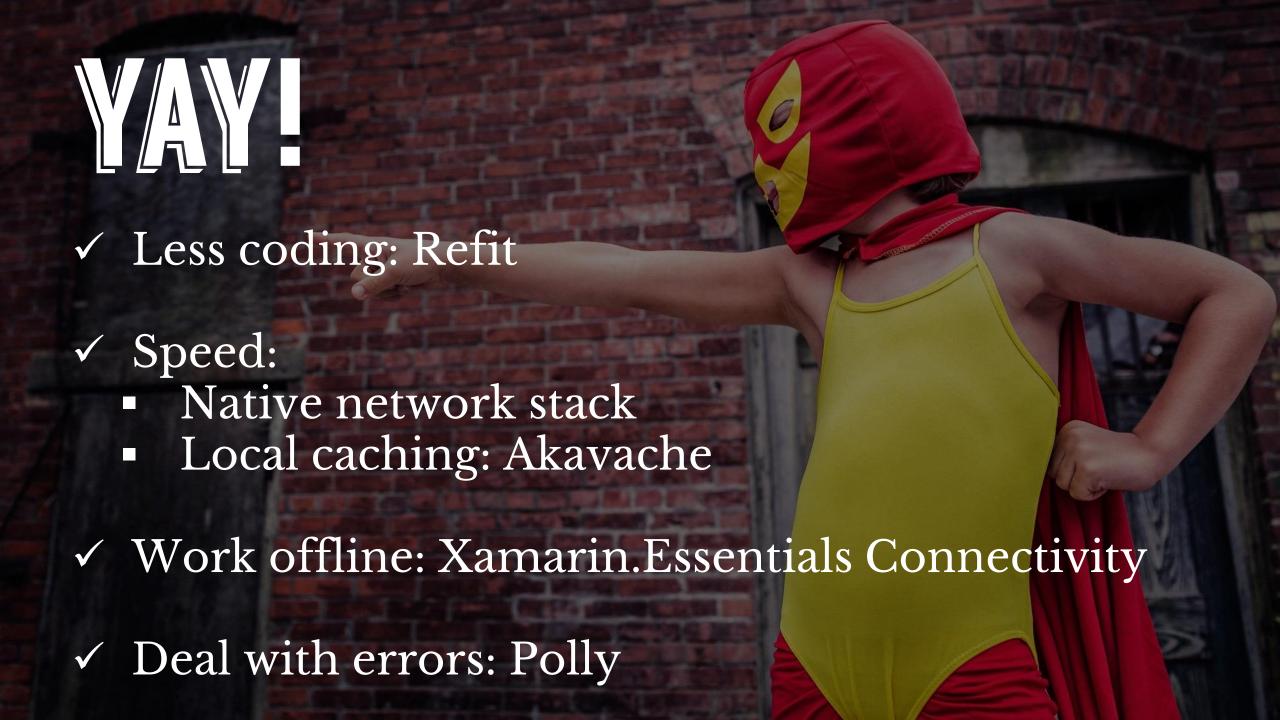
What if the server is already busy?

CIRCUIT BREAKER

Fail fast in case of downstream errors









RECOMMENDED READING

Improving HTTP Performance in Xamarin Applications

Jonathan Peppers

http://jonathanpeppers.com/Blog/improving-http-performance-in-xamarin-applications

Disconnected Mobile Device Seminar

Frank Krueger

https://blog.xamarin.com/the-disconnected-mobile-device-seminar

Resilient Network Services with Mobile Xamarin Apps

Rob Gibbens

http://arteksoftware.com/resilient-network-services-with-xamarin

Eight Fallacies of Distributed Computing

Gareth Wilson

https://blog.fogcreek.com/eight-fallacies-of-distributed-computing-tech-talk