Resilience Patterns For Newbies

Mateusz Winnicki

<u>www.mateuszwinnicki.pl</u> mateusz.winnicki@euvic.pl

Resilience

Partial failure

Client Side Patterns

...just RETRY

- temporary network problems
- temporary internal errors of target
 - temporary big loads on target

TIMEOUT maybe?

- always needed- high/big enough- not as trivial as you think

sometimes FALLBACK

not always possiblegood if default is sufficient

switch the CIRCUIT BREAKER

- closed
- opened
 - half

sky is the limit, but in some case RATE LIMITER

don't drown, you have a BULKHEAD

What else can l do?

Q&A