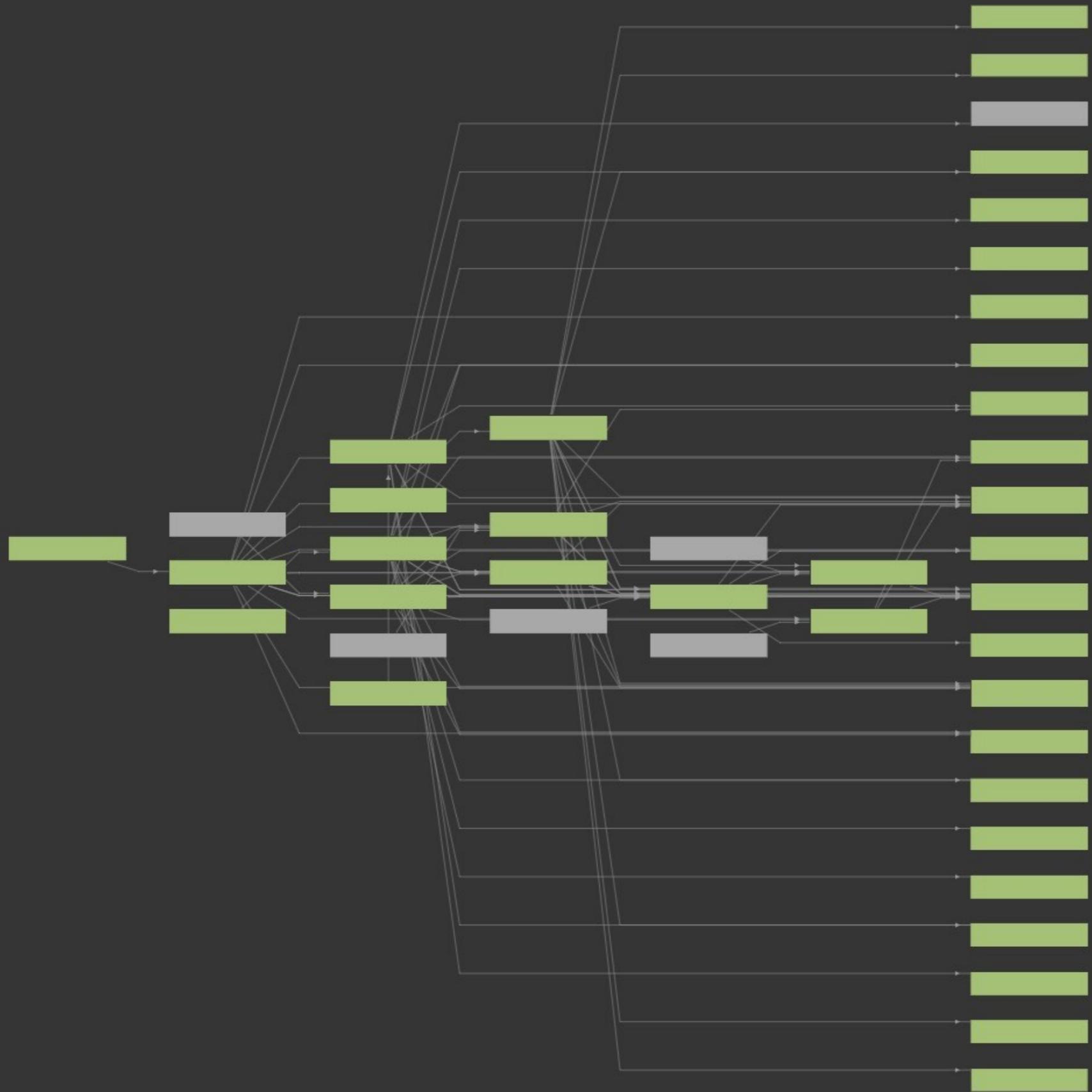




Break Glass
in Case of
Emergency



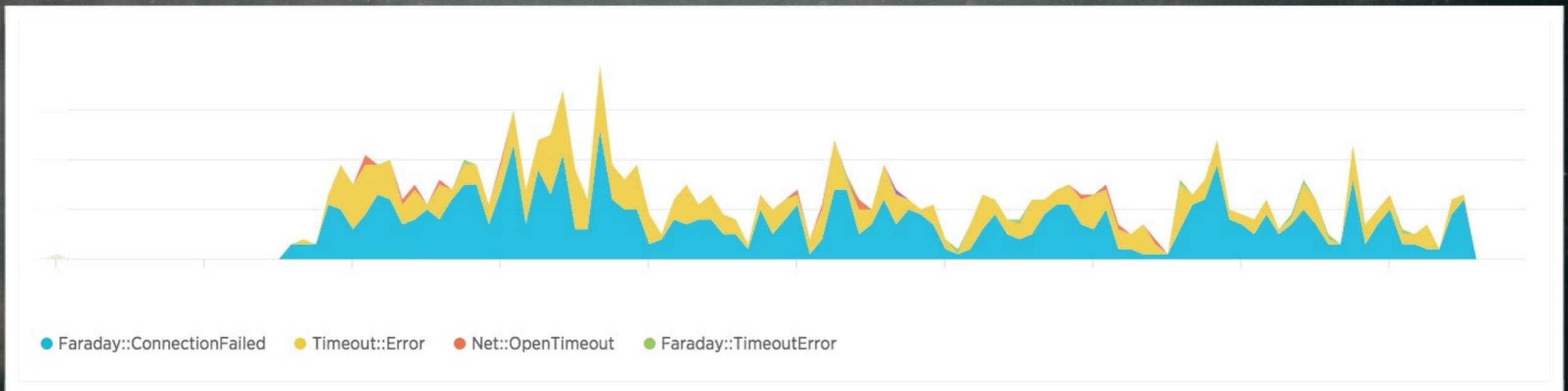
Fault

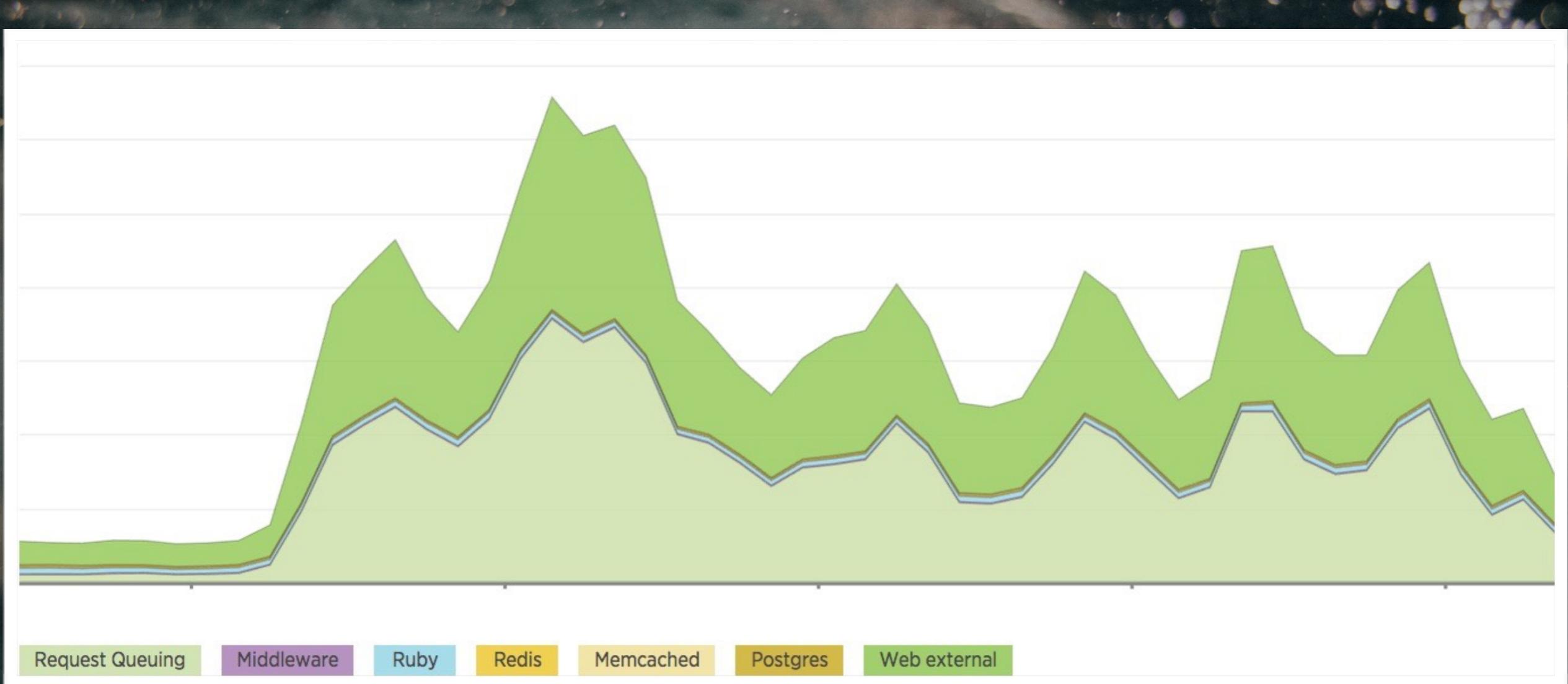
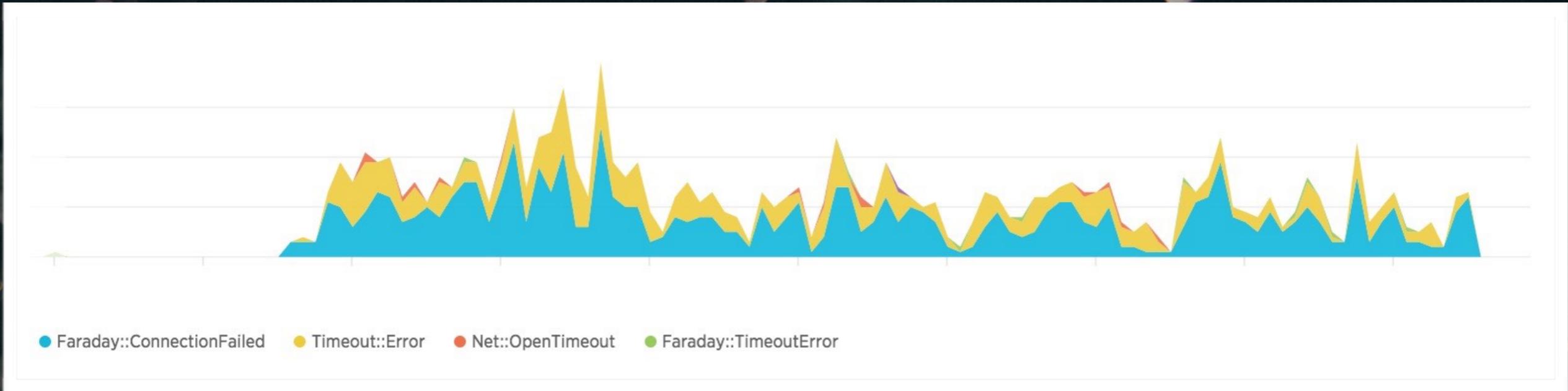


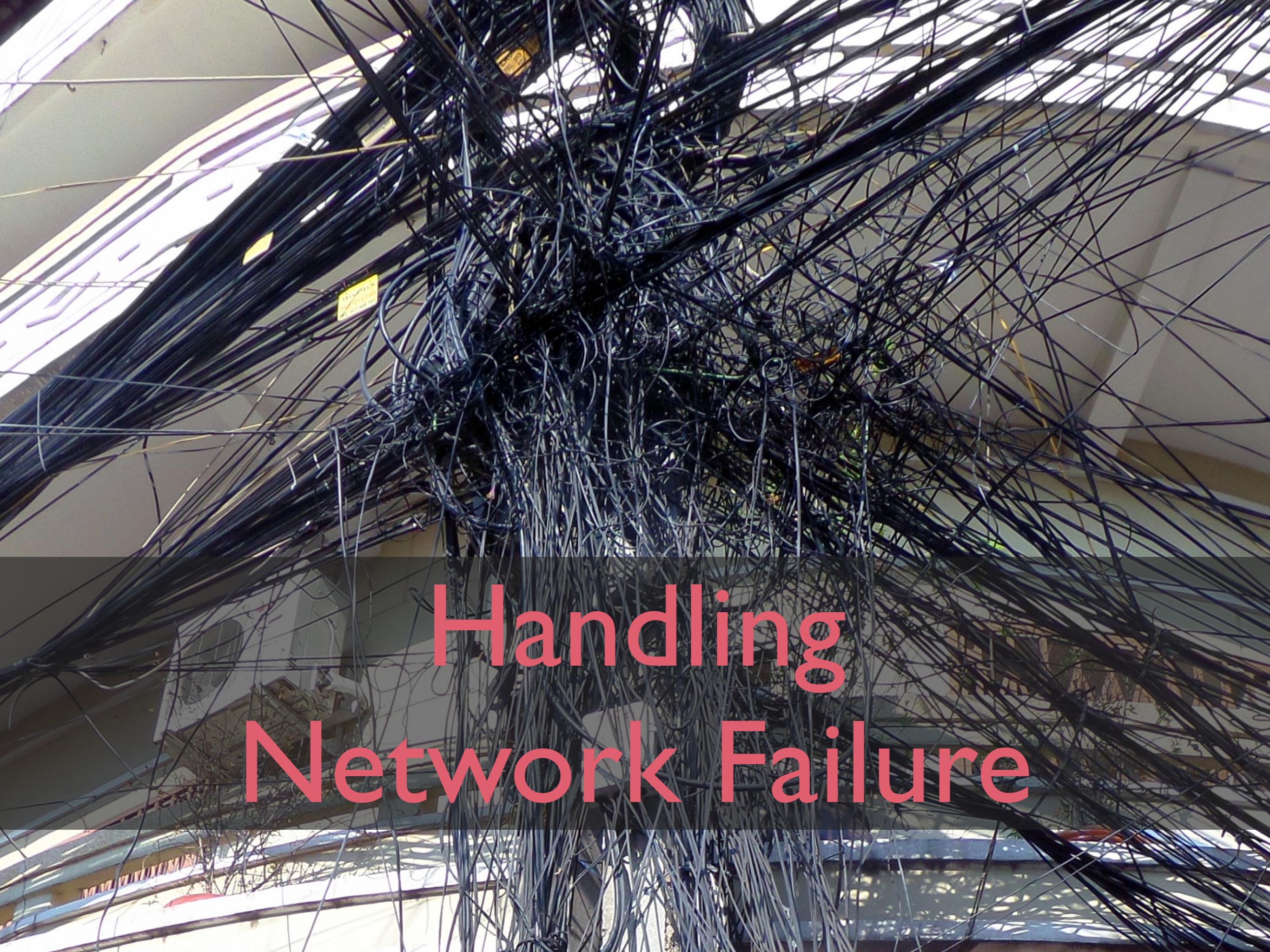


Fault Tolerance

Timeouts







Handling Network Failure

Short Timeout with Fallback Behavior





Client-side Retry



Half-open



Long-lasting Transient Faults

Resources

Patterns:

<http://l.faun.me/retry-pattern>
<http://l.faun.me/netflix-api-resilience>

Libraries:

[wsargent/circuit breaker](#)
[allcentury/switch_gear](#)
[soundcloud/simple_circuit_breaker](#)

Tools:

[Shopify/Semian](#)
[Shopify/Toxiproxy](#)

Load balancers:

[Vulcand](#)
[Hystrix](#)



@faun

@faunzy The Twitter logo icon, which is a blue silhouette of a bird in flight.