

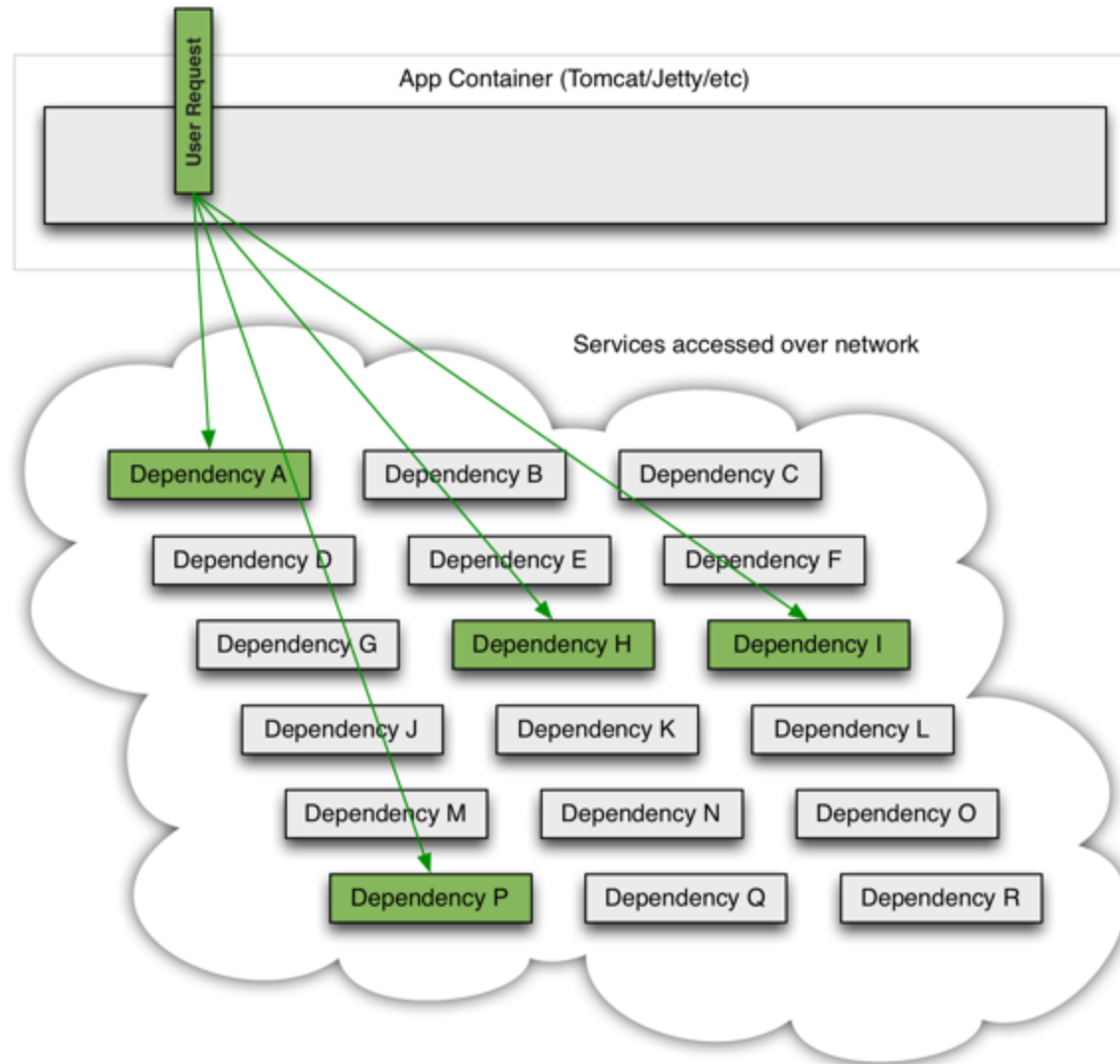
Hystrix

Making the apps more resilient

What is Hystrix

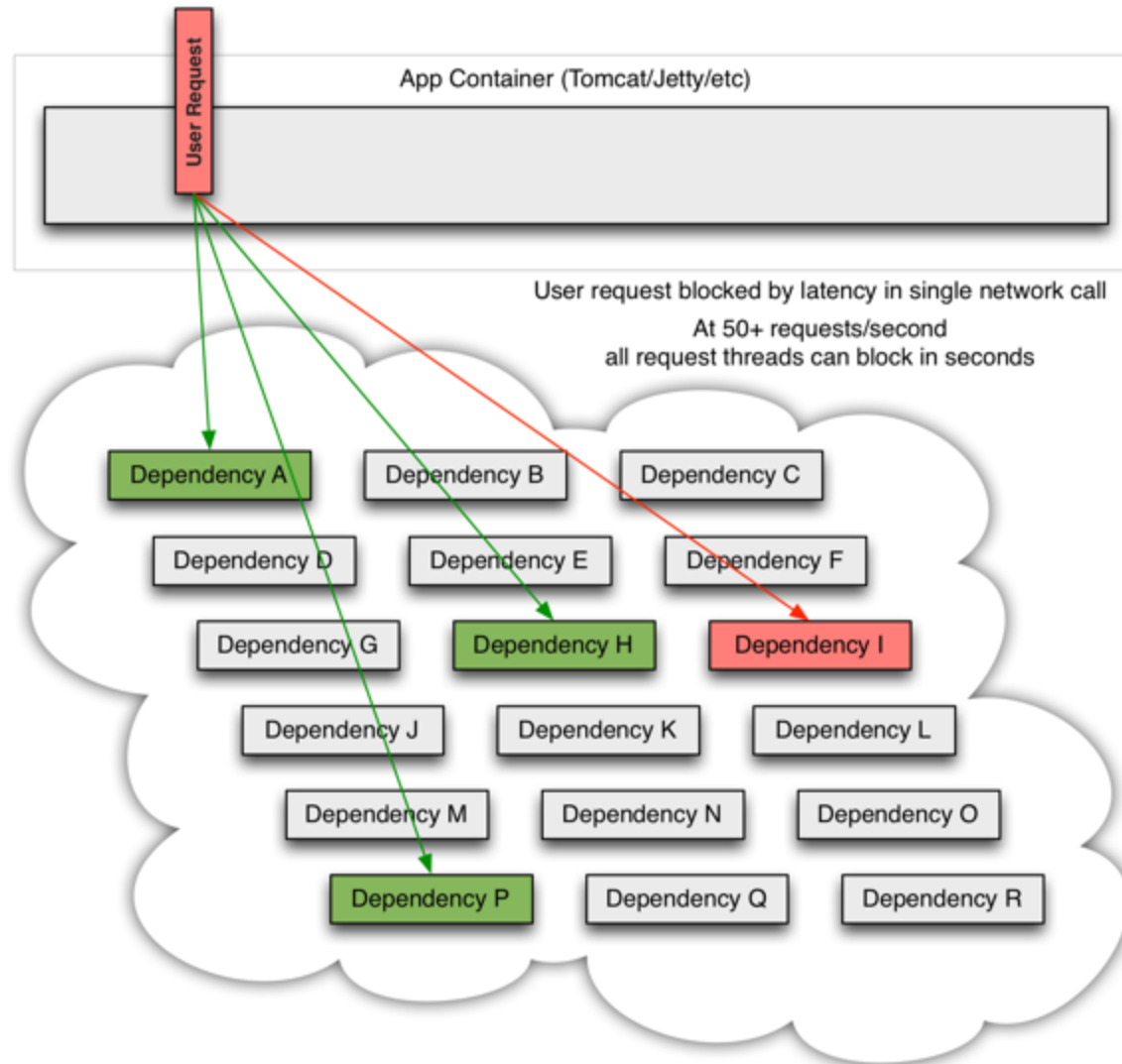
- library to help control interactions between systems
- adds latency and fault tolerance
- fail fast and provide time to recover
- monitoring, alerting

Healthy dependencies



source:<https://github.com/Netflix/Hystrix/wiki>

Something went wrong

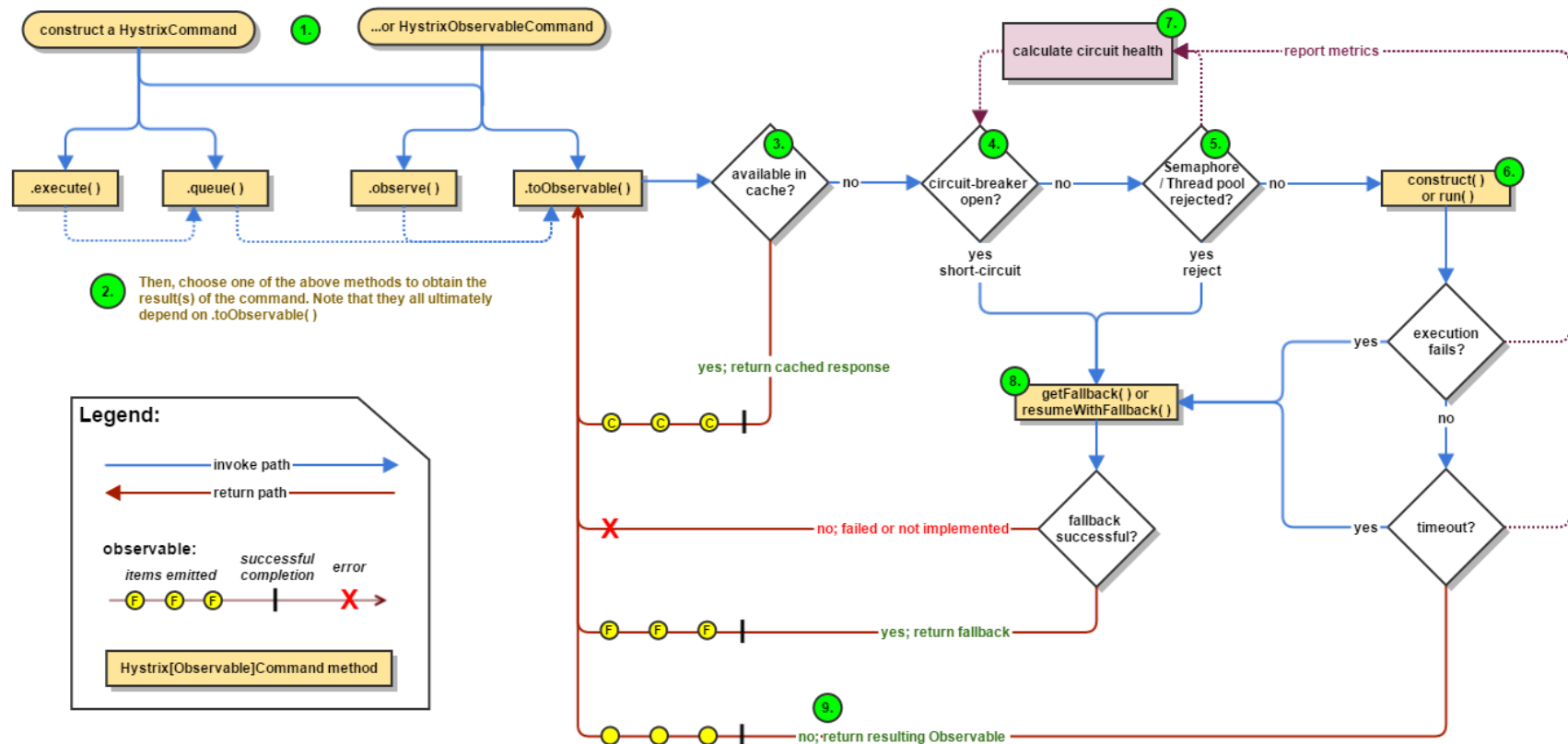


source:<https://github.com/Netflix/Hystrix/wiki>

How to avoid it

- prevent one service/dependency use all user thread pool (e.g. in Tomcat)
- lower/cut load and fail fast (avoid queueing)
- give dependency time to recover
- bulkhead,command,isolation

How it works



Keypoints

- rxjava
- <https://github.com/Netflix/Hystrix/wiki>

Demo Time

- dashboard
- config
- code

//Fallback

```
go get -u github.com/rakyll/hey
```

```
/d/Go/src/bin/hey.exe -n 1000 -q 10 http://localhost:8080/api/f
```

//Batching

```
cd /d/Courses/hystrix_lightning_talk/
```

```
go run batch.go
```