

HTTP vs. MQ

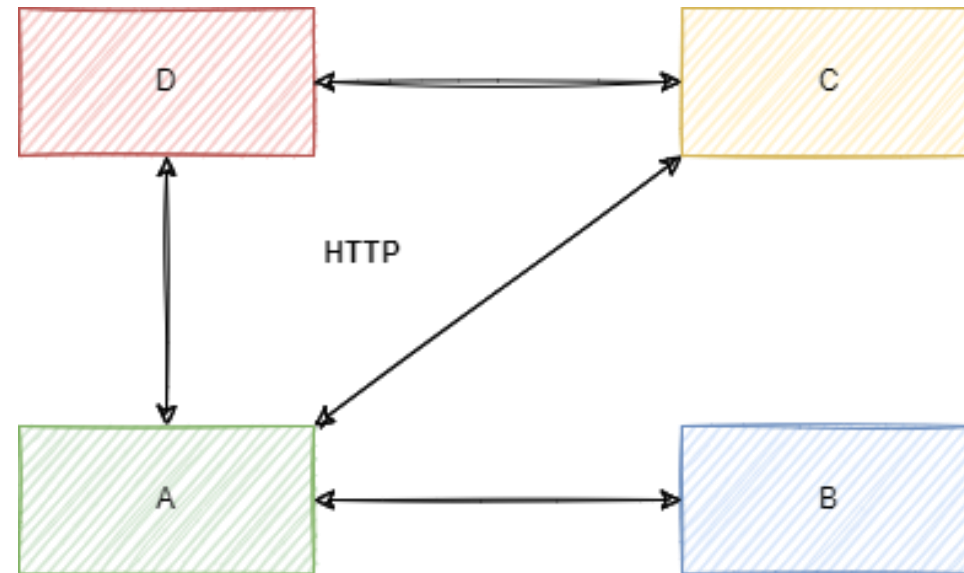
HTTP – request/response

- PROS

- Elegant
- Simple
- Scalable
- It works
- Easy troubleshooting

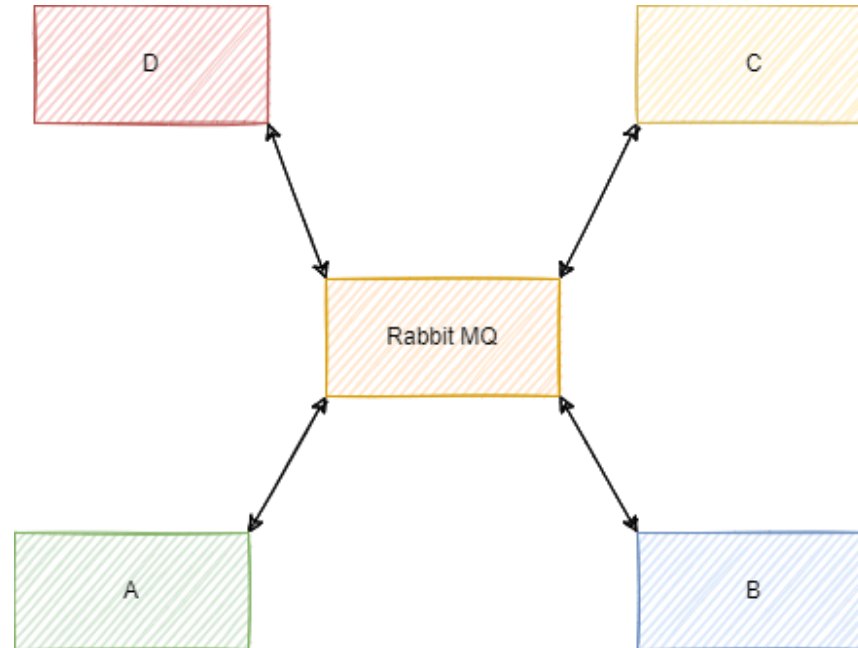
- CONS

- Bad for multiple receivers
- High coupling
- Client/Server must be running
- Chaining, circuit breaking

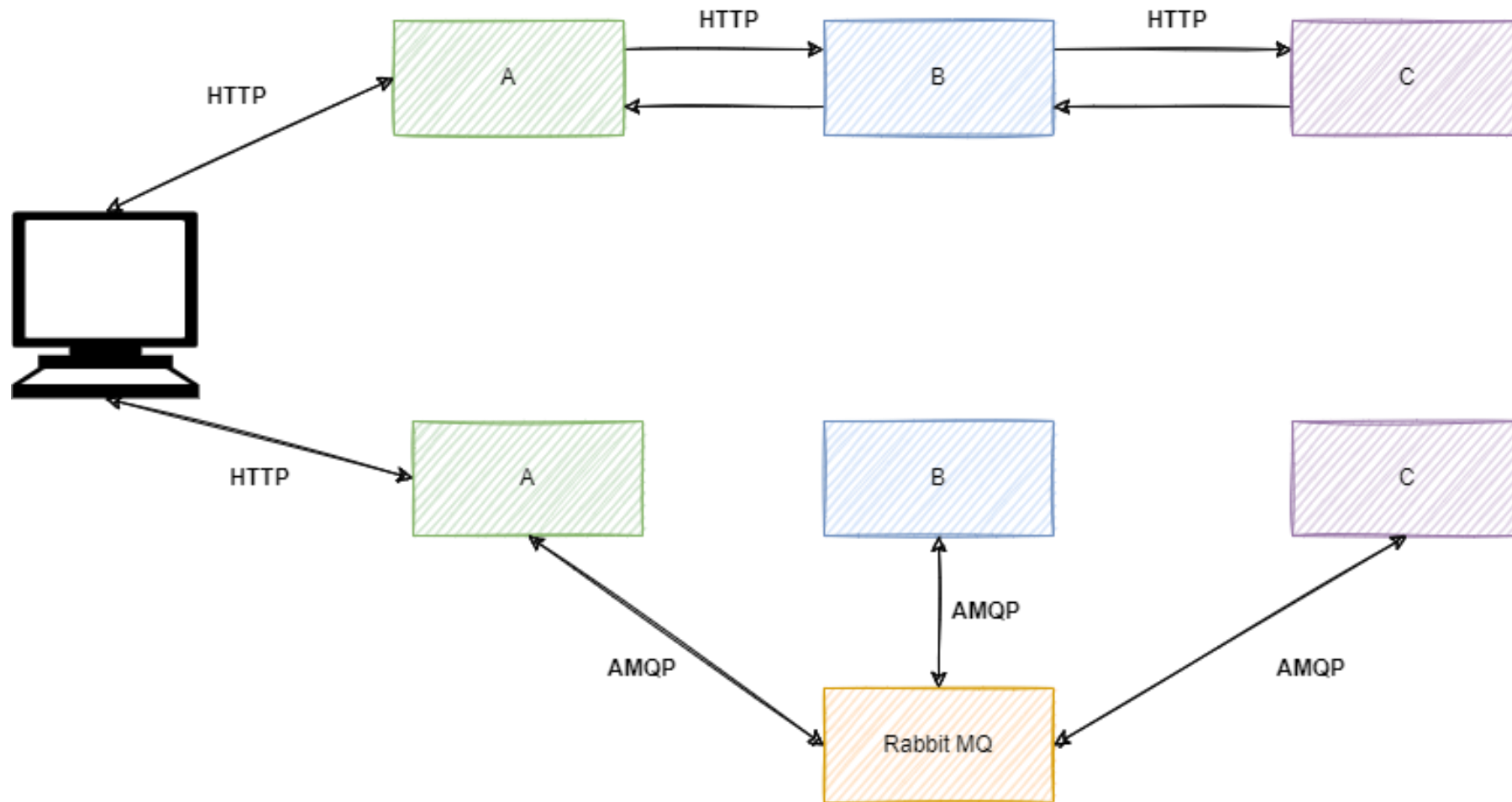


MQ – message queue

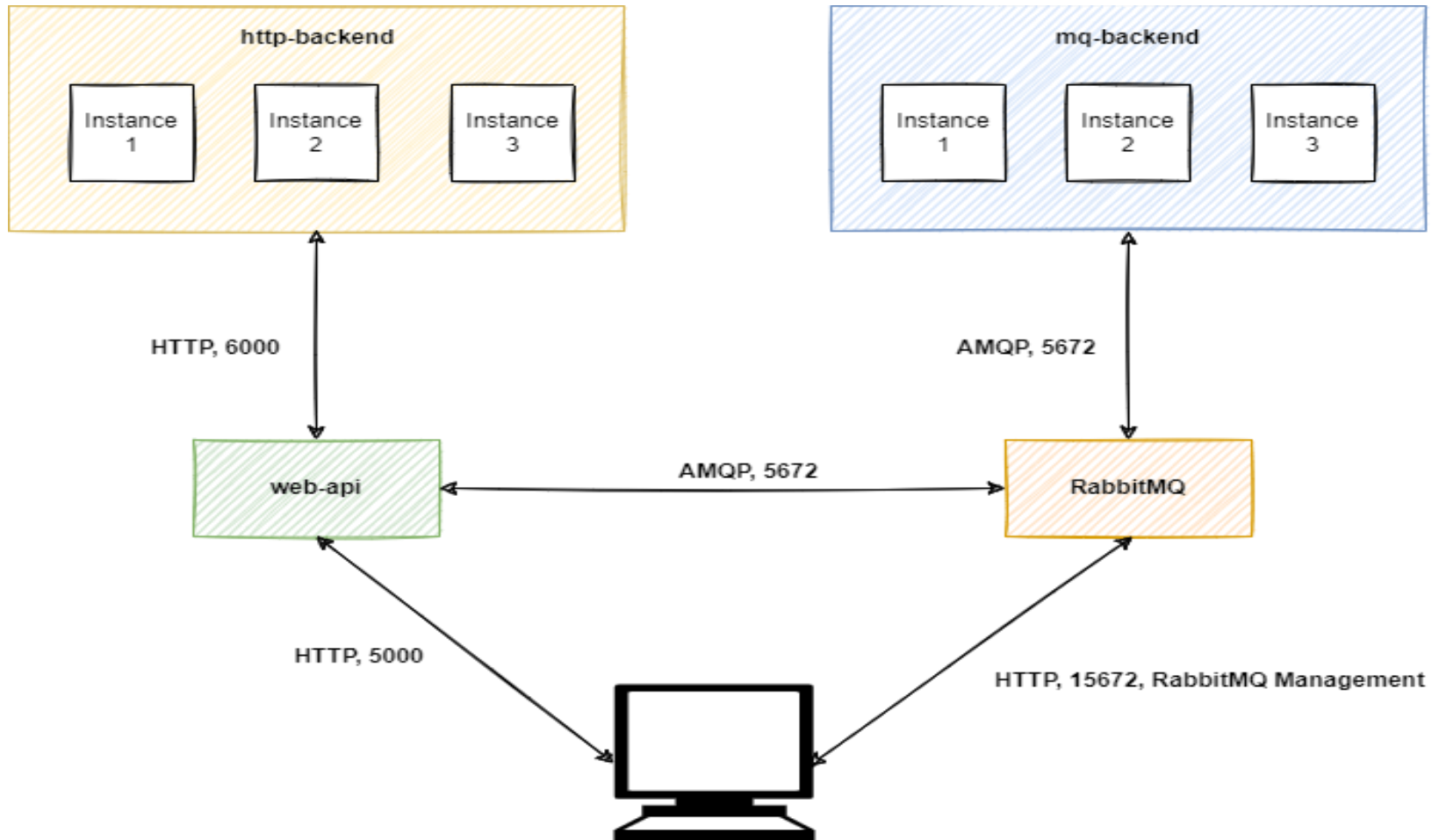
- PROS
 - Loose coupling
 - Works while client is not running
 - Request prioritization
 - Fault tolerance
 - Time independent processing
- CONS
 - Complexity
 - Harder troubleshooting
 - Single point of failure



Chaining



Solution overview



Resources

- Github
- <https://github.com/2Ring/docker-http-mq-samples>
- RabbitMQ tutorials
- <https://www.rabbitmq.com/getstarted.html>

Questions ?

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