

Deep dive into microfrontend architecture

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What is "architecture"?

So let's get the obvious stuff out of the way...

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Disclaimer

For the purposes of this presentation the word "Architecture" will be used in all cases where information exchange happens:

- **defining an interface** (interface, class, method, module, subsystem, etc)
- **defining communication medium** (stack, heap, file, network, etc)

Both of those need to be present at the same time.

What does an architect do?

Principles of architecture - dev

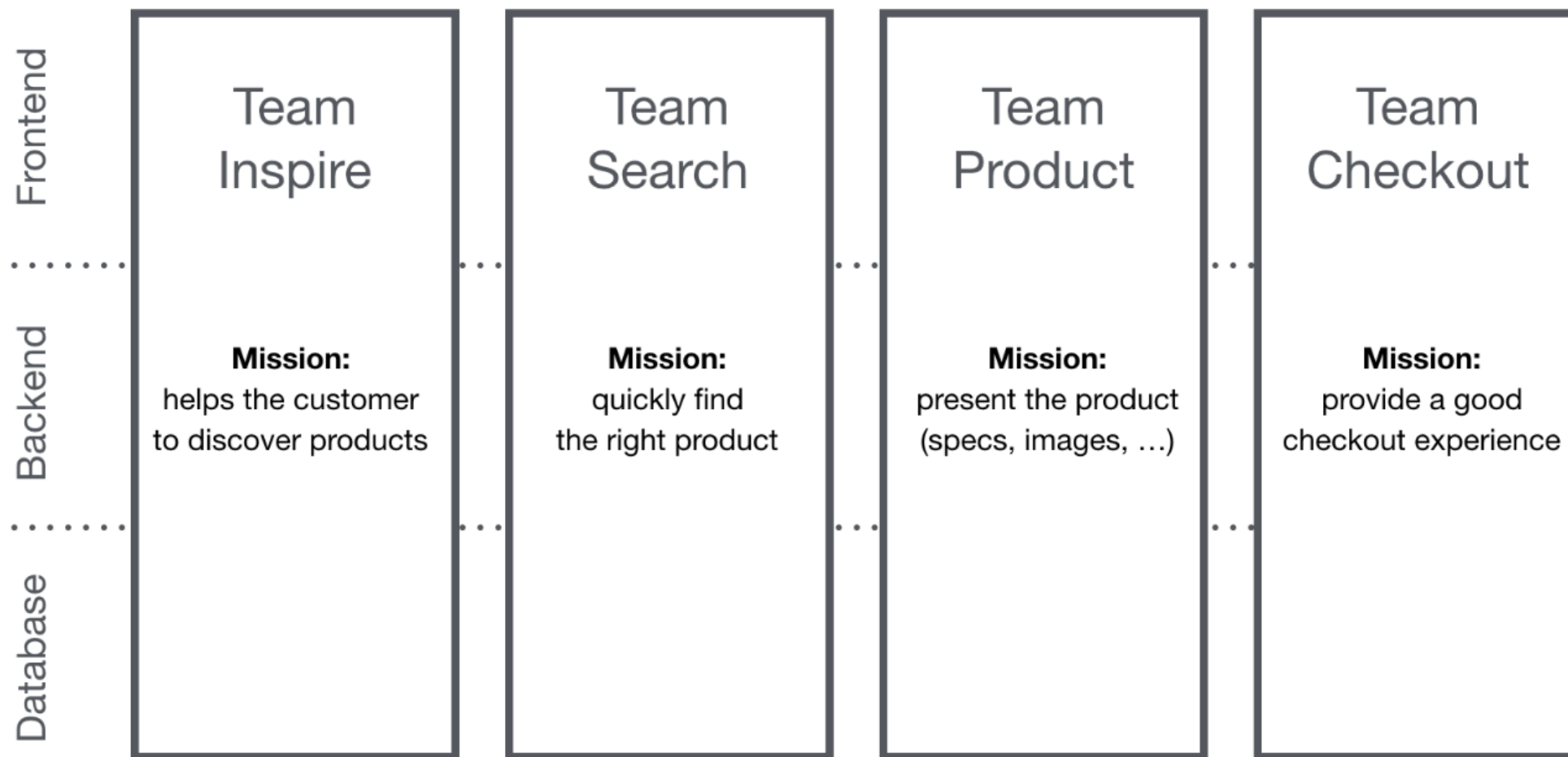
1. Ease of development
2. Ease of deployment
3. Extensibility
4. Maintainability

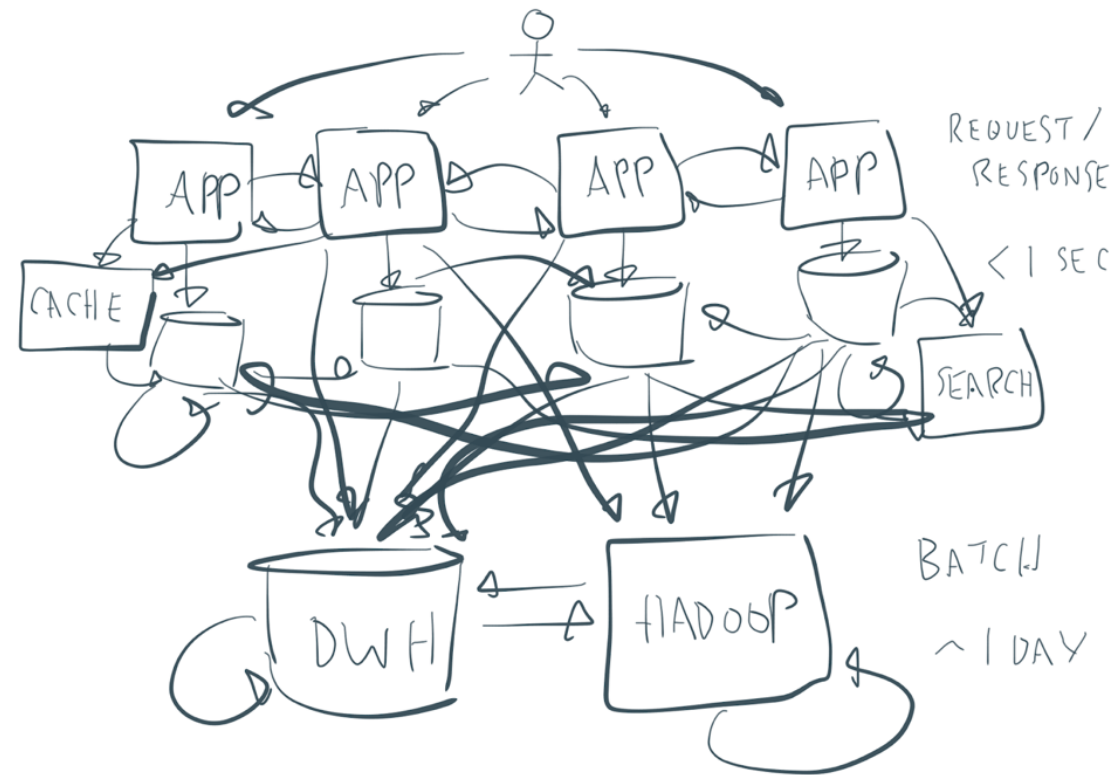
Principles of architecture - ops

1. High availability
2. Performance
3. Security
4. Accounting



End-to-End Teams with Micro Frontends



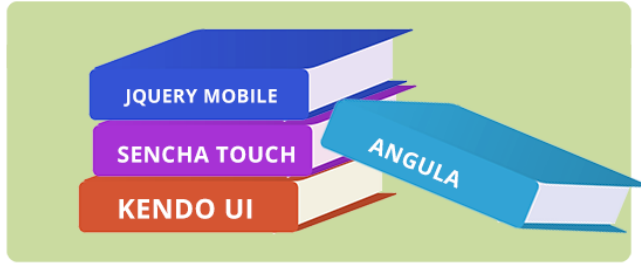


Credits: <https://www.confluent.io/blog/apache-kafka-vs-enterprise-service-bus-esb-friends-enemies-or-frenemies/>



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TOP 10 JAVASCRIPT MVC FRAMEWORKS

Source: <https://www.bbconsult.co.uk/blog/top-10-javascript-mvc-frameworks>

Stop talking - start coding!

Remember the 8 principles

1. Ease of development
 2. Ease of deployment
 3. Extensibility
 4. Maintainability
-
1. High availability
 2. Performance
 3. Security
 4. Accounting

"That's all Folks!"



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