

# 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?**



**SERIOUSLY ???**



# Principles of architecture - dev

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

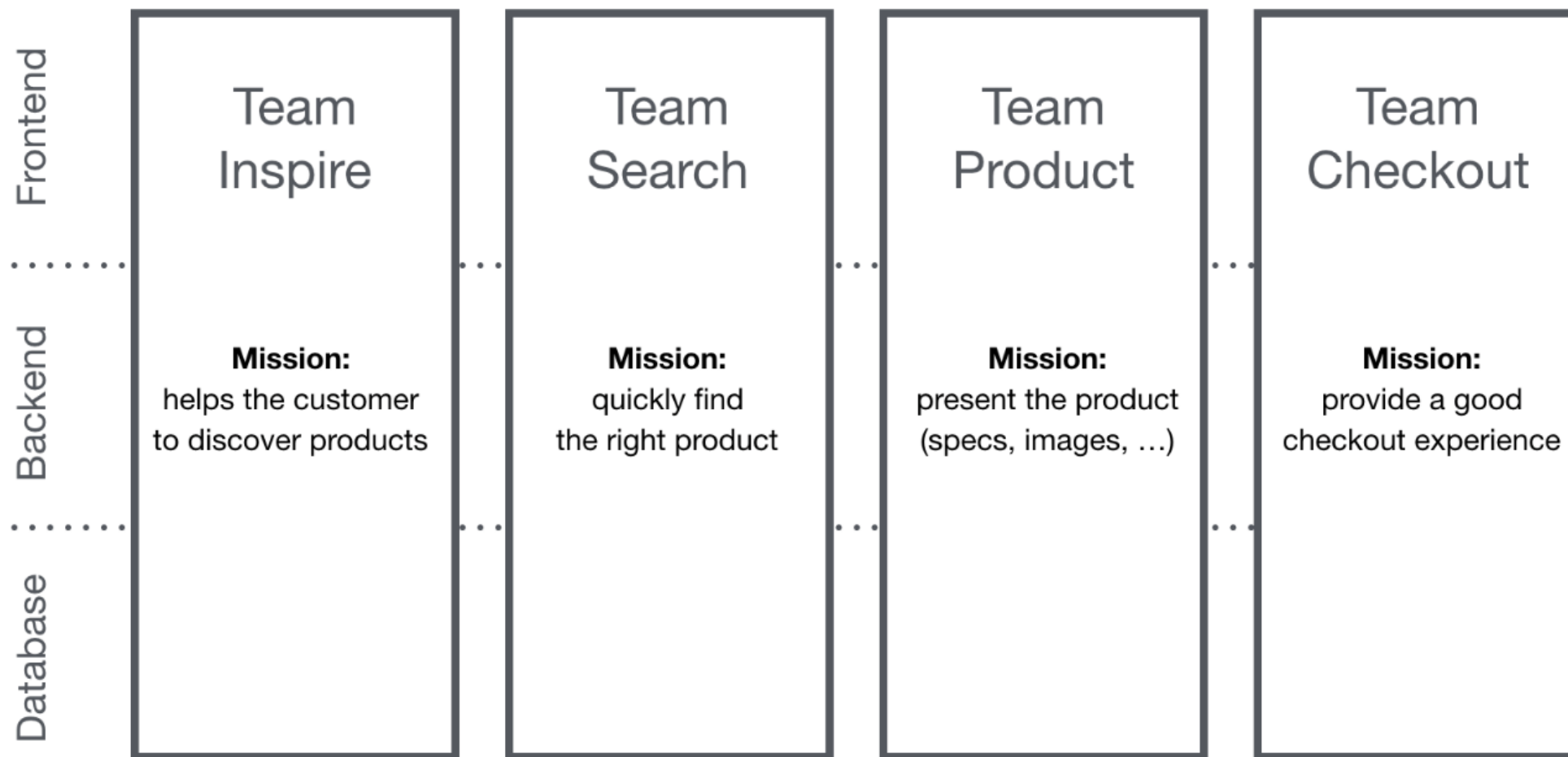


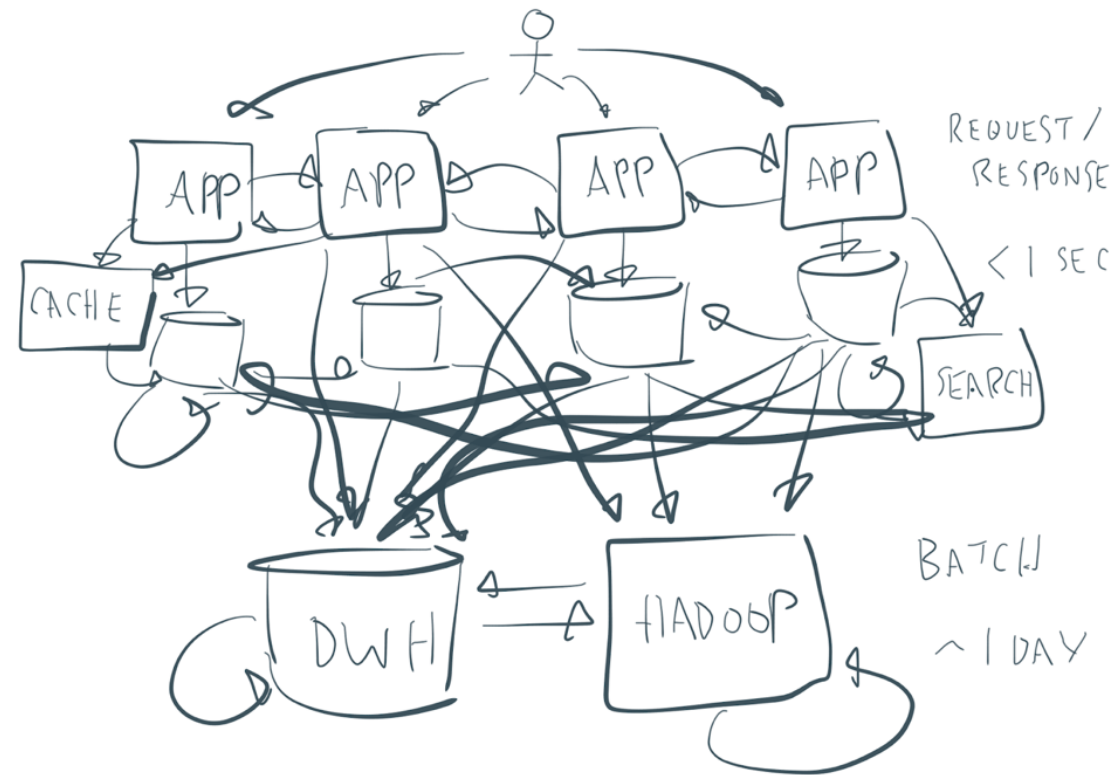
# Principles of architecture - ops

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



# End-to-End Teams with Micro Frontends





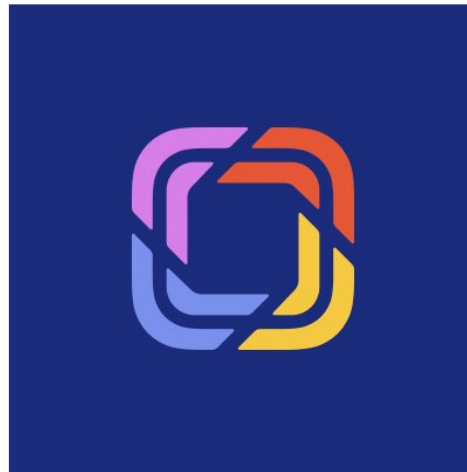
Credits: <https://www.confluent.io/blog/apache-kafka-vs-enterprise-service-bus-esb-friends-enemies-or-frenemies/>

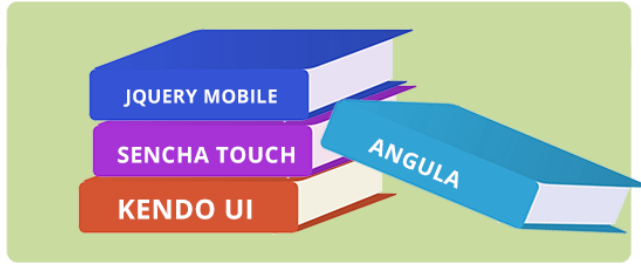






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TOP 10 JAVASCRIPT MVC FRAMEWORKS

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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