

# The (too) many faces of architecture

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\*Architecture

\*Architect

\*Developer to architect

What is  
*architecture?*

A vertical yellow bar is positioned to the right of the text, extending from the top of the word 'architecture?' down to the bottom of the word 'is'.

**Design**

**Architecture**

“All architecture is design but  
not all design is architecture”  
– Grady Booch

Define *what* is significant

Define *why* is significant

Software architecture is inflexible  
and forever

The architecture is an architect's  
problem

Architecture is not about coding

# Myths about architecture

(especially between devs)



What is an *architect*  
anyway?



- Title
- The person with the most experience
- Defines & guards architecture

# DON'Ts

# DOs

- A flexible role
  - Uses the technical expertise of the team while growing the team
  - Understands the system & developers' perspective
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\*Often leadership goes over  
management

- Communication
- Influencing
- Collaboration & coaching
- Confidence
- Facilitation
- Delegation & responsibility

\*Expertise over “*know it all*”

- Pragmatic view on requirements and constraints
- Ability to identify areas of high risk and
- Ability to design software
- Technical debt management
- Overview on delivery
- Ownership throughout the whole process of architectural evolution
- Multidisciplinarity overview

# Decisions

- Seek feedback & expertise from the whole team
- Avoid getting lost in details
- Avoid becoming emotionally attached to your decisions
  
- *Avoid making a decision until the very last moment*



Today's developers  
Tomorrow's architects



\*Breaking the rules becomes a professional duty.

\*Architecture is for every developer but not every developer will become an architect.

\* Coders gonna code and architects  
gonna architect?

Takeaways |

- Don't be afraid of architecture
- Challenge architectural decisions
- Work on understanding the big picture
- Ask to be involved

**For the developers  
outthere growing to  
be an architect**

(some day)

# For the architects outthere looking for developers' perspective

- Think in terms of evolvable structures
  - Manage your system's architectural evolution
  - Be inclusive and collaborate
  - Get your hands dirty
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Think globally act locally.

&

Act globally but keep an eye locally.



**Thank you!**