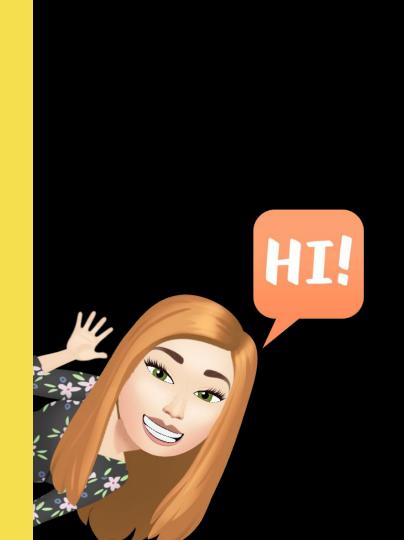
### The (too) many faces of architecture

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- Senior developer @ Strongbytes
- Speaker @community
- Microsoft MVP
- Trainer @EduromTech

- Passionate about outdoor activities
- Reading & blogging



## \*Architecture \*Architect \*Architect \*Developer to architect

## What is architecture?

#### 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

## \*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 outhere growing to be an architect

(some day)

# For the architects outhere 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!