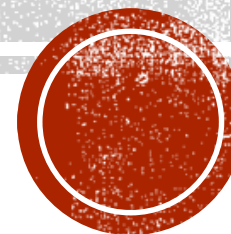


# РАЗВОЈ СОФТВЕРА 2

Чиста архитектура.



# Focus

Enterprise Architecture



# Focus

Enterprise Architecture

Modern equivalent of 3-Layer



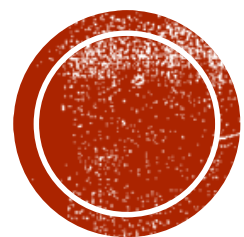
# Focus

Enterprise Architecture

Modern equivalent of 3-Layer

Generally applicable

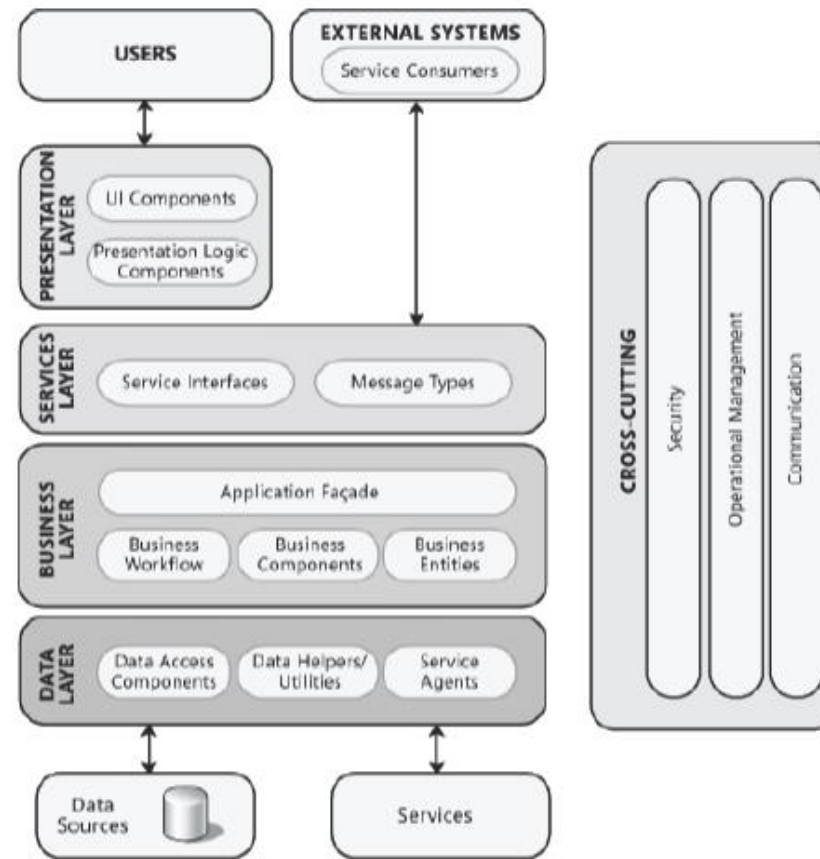




# АРХИТЕКТУРА СОФТВЕРА



# What is Software Architecture?

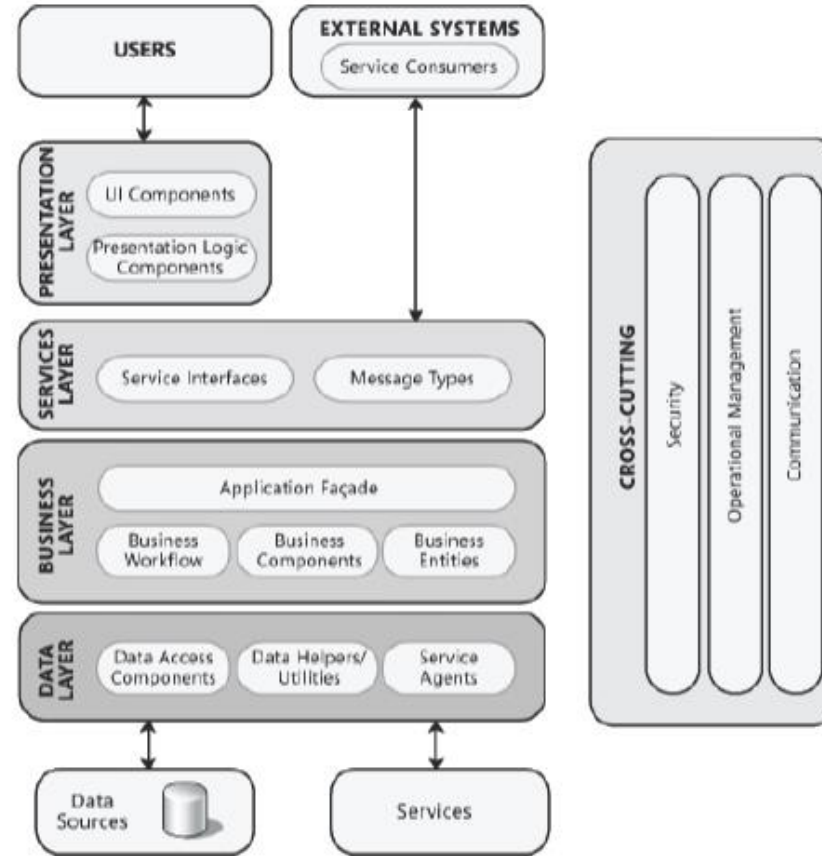


Source: <http://msdn.microsoft.com/en-us/library/ff650706.aspx>



# What is Software Architecture?

High-level

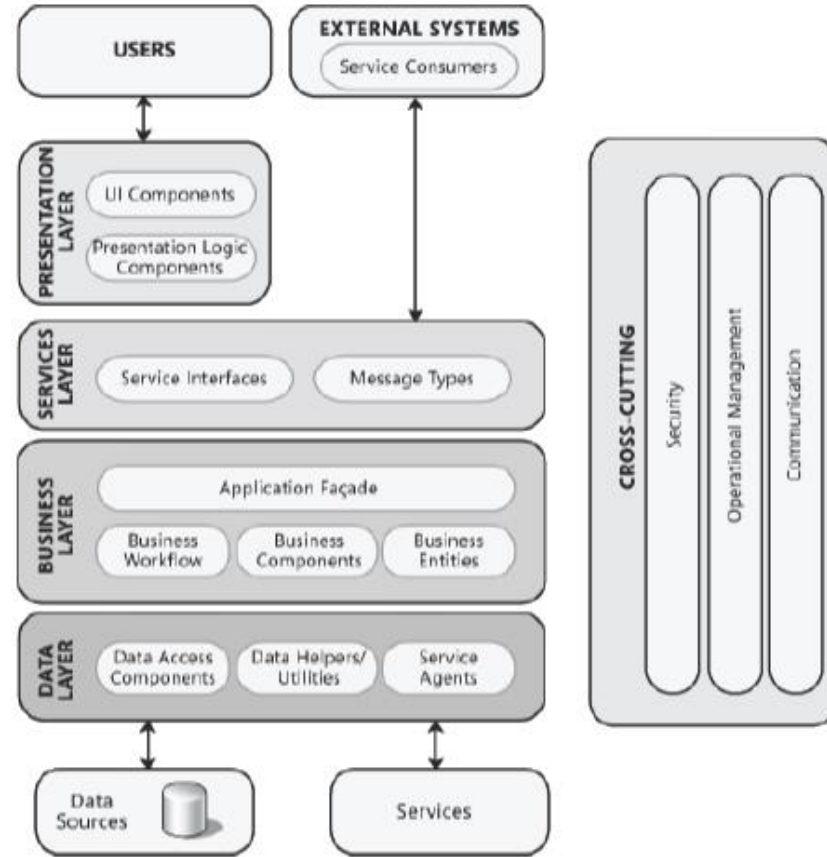


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# What is Software Architecture?

High-level  
Structure



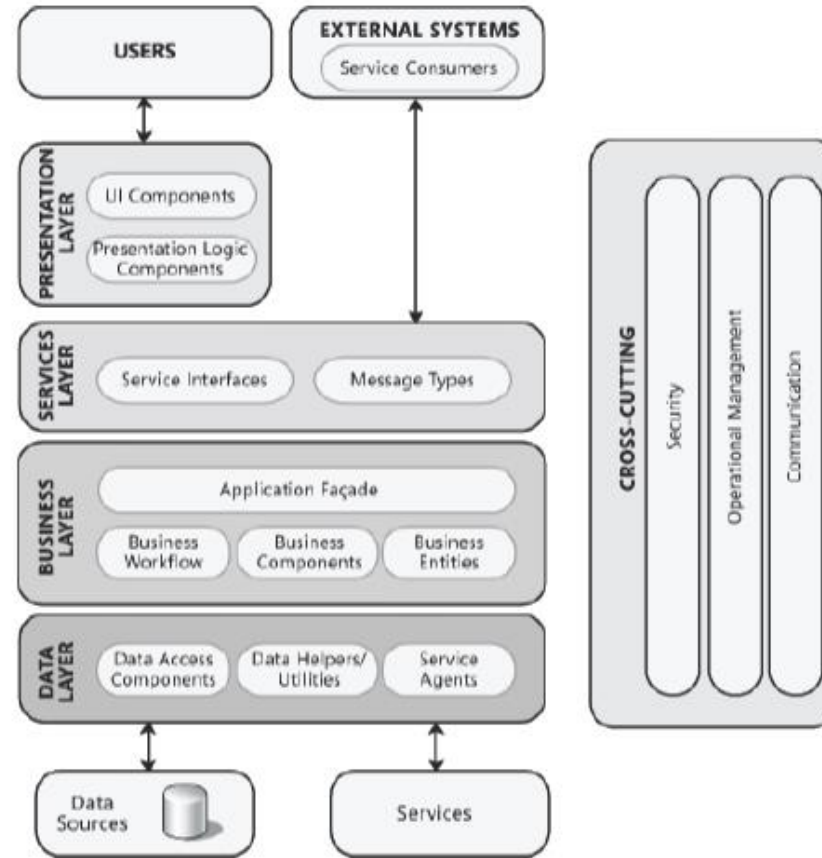
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# What is Software Architecture?

High-level  
Structure  
Layers

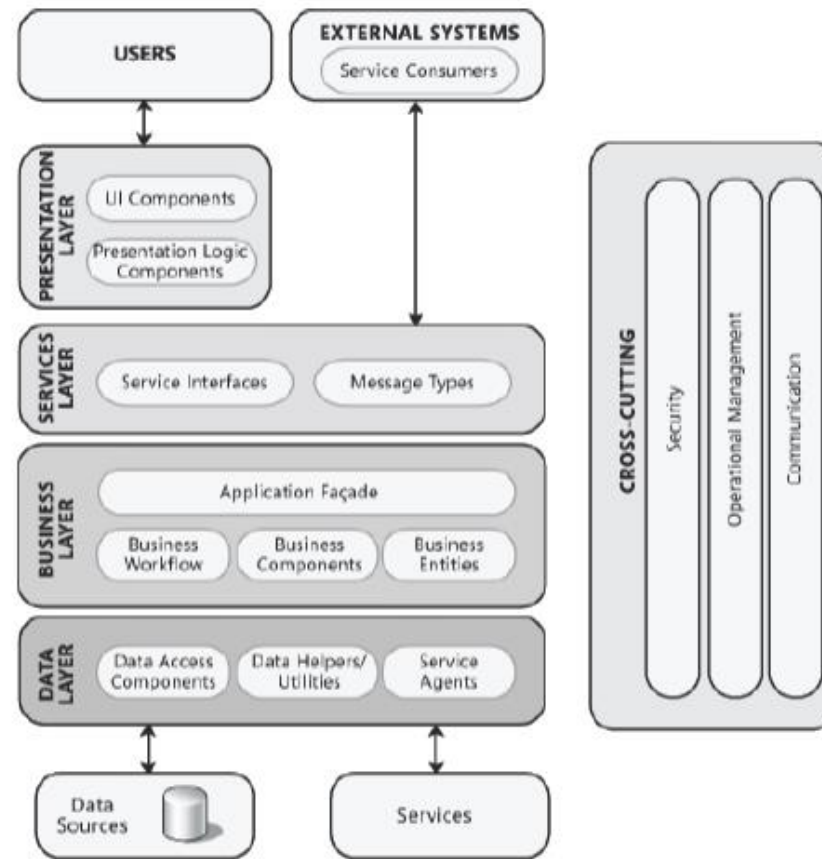


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# What is Software Architecture?

High-level  
Structure  
Layers  
Components

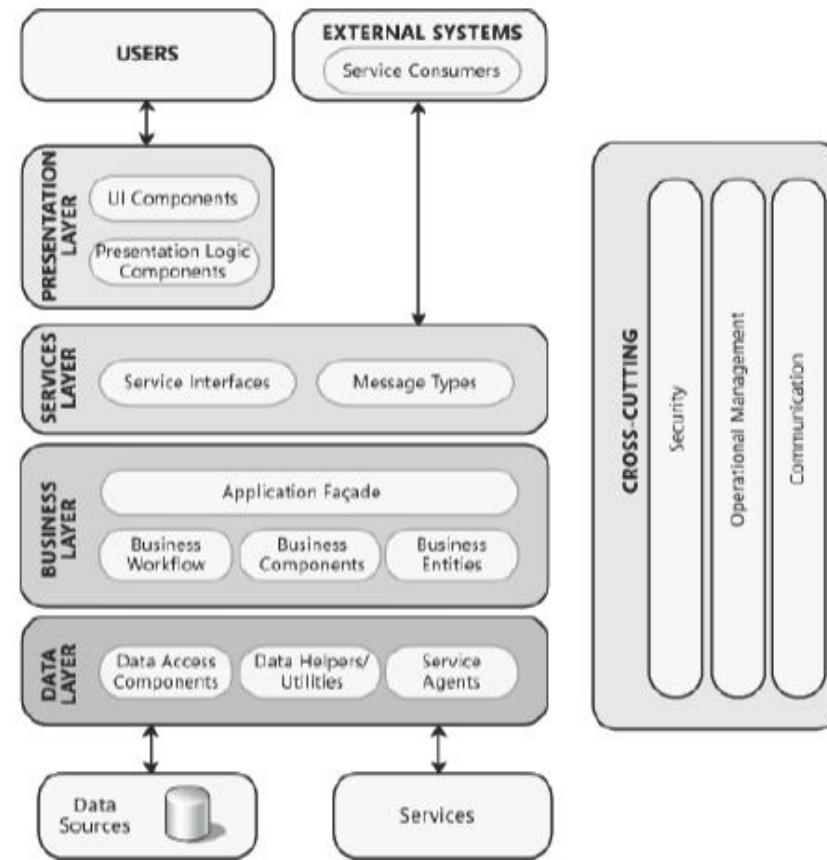


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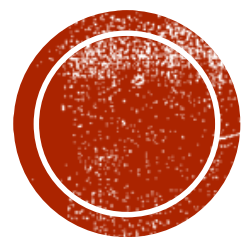
# What is Software Architecture?

High-level  
Structure  
Layers  
Components  
Relationships



Source: <http://msdn.microsoft.com/en-us/library/ff650706.aspx>

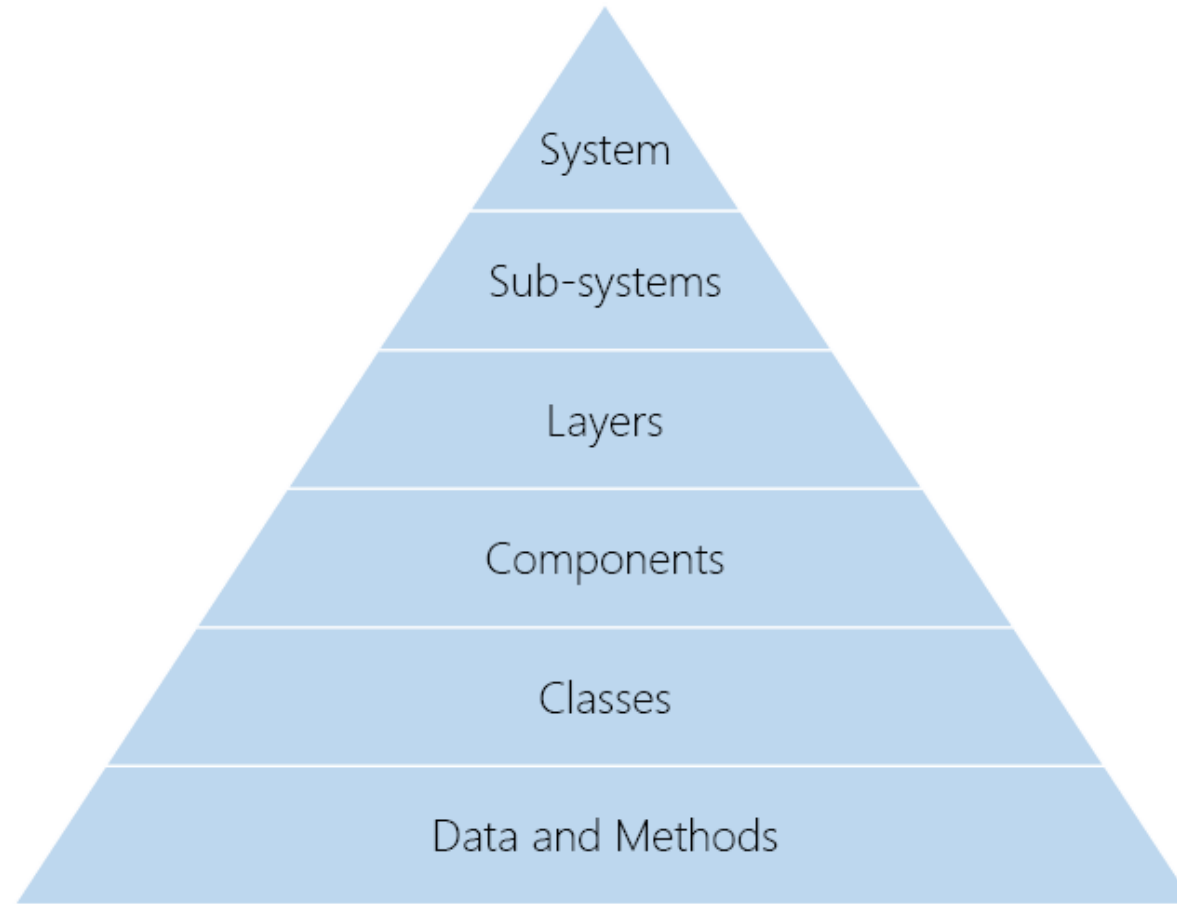




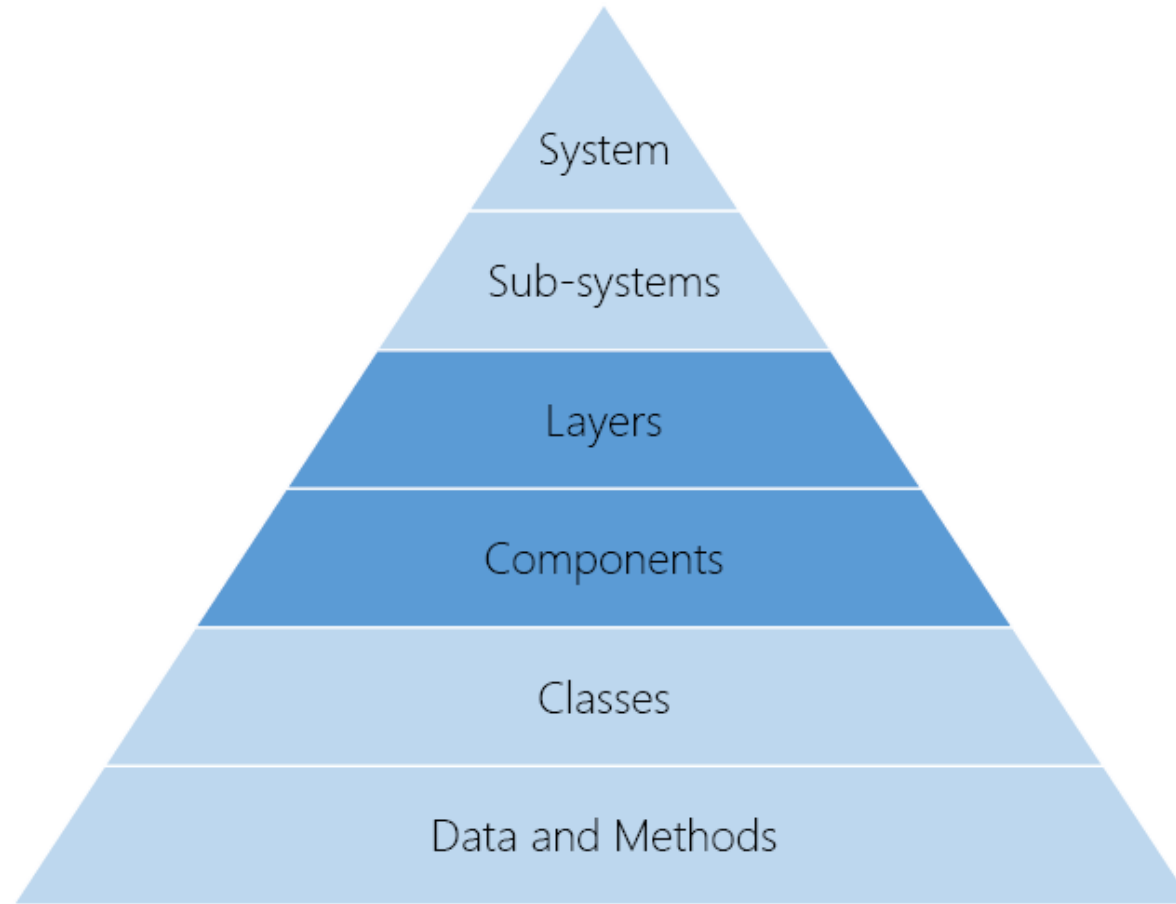
# СЛОЈЕВИ АПСТРАКЦИЈЕ КОД АРХИТЕКТУРЕ

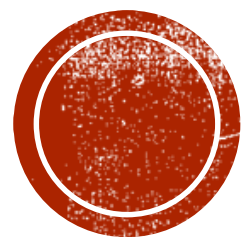


# Levels of Architectural Abstraction



# Levels of Architectural Abstraction





# КАРАКТЕРИСТИКЕ ЧИСТЕ АРХИТЕКТУРЕ





# Messy vs Clean Architecture





# What Is Bad Architecture?

Complex

Inconsistent

Incoherent

Rigid

Brittle

Untestable

Unmaintainable



# What Is Clean Architecture?

Simple

Understandable

Flexible

Emergent

Testable

Maintainable



# What Is Clean Architecture?

Architecture that is designed for the inhabitants of the architecture...  
not for the architect... or the machine



# What Is Clean Architecture?

Architecture that is designed for the **inhabitants** of the architecture...  
not for the architect... or the machine



# What Is Clean Architecture?

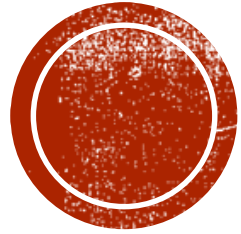
Architecture that is designed for the inhabitants of the architecture...  
not for the **architect**... or the machine



# What Is Clean Architecture?

Architecture that is designed for the  
inhabitants of the architecture...  
not for the architect... or the **machine**





# ВАЖНОСТ ЧИСТЕ АРХИТЕКТУРЕ



# Why Is Clean Architecture Important?

Cost/benefit





# Why Is Clean Architecture Important?

Cost/benefit

Minimize cost to maintain



# Why Is Clean Architecture Important?

Cost/benefit

Minimize cost to maintain

Maximize business value



# Why Is Clean Architecture Important?

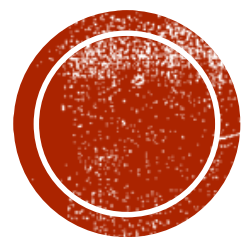
Cost/benefit

Minimize cost to maintain

Maximize business value

Maximize total ROI





# ЗАКЉУЧНА РАЗМАТРАЊА

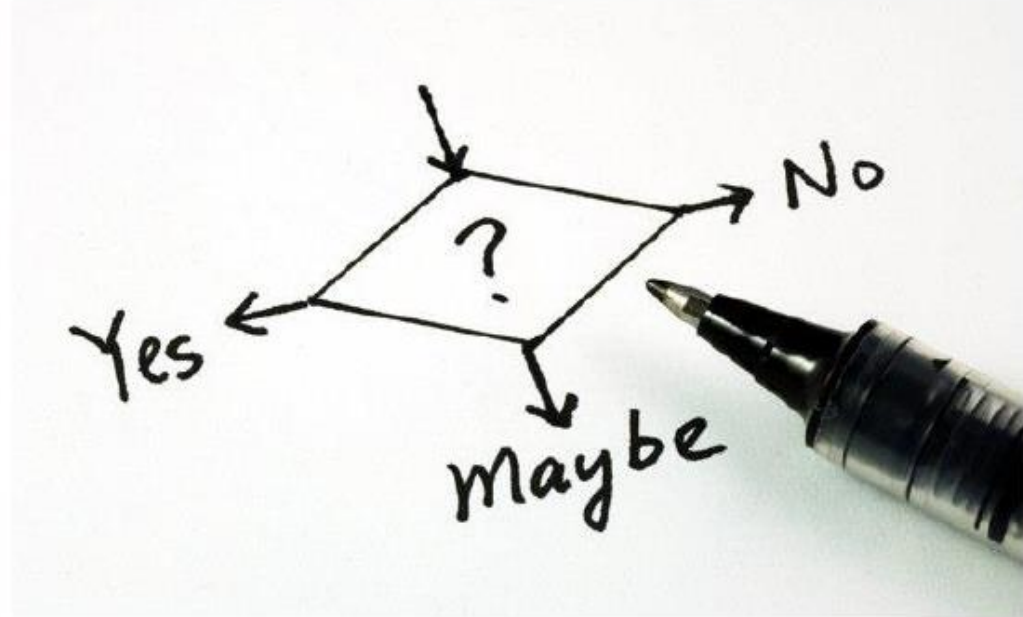


# Decisions, Decisions, Decisions...

Context is king

All decisions are a tradeoff

Use your best judgement



# НАПОМЕНА

Највећи део материјала ове презентације је преузет из презентације **Clean Architecture**, аутора Matthew Renze, која је доступна на адреси:  
<https://matthewrenze.com/wp-content/uploads/presentations/clean-architecture.pdf>