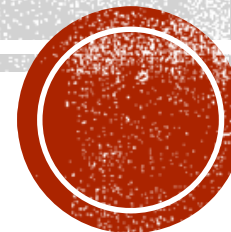


РАЗВОЈ СОФТВЕРА 2

Чиста архитектура.



Focus

Enterprise Architecture



Focus

Enterprise Architecture

Modern equivalent of 3-Layer



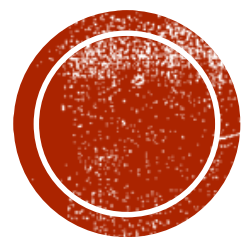
Focus

Enterprise Architecture

Modern equivalent of 3-Layer

Generally applicable

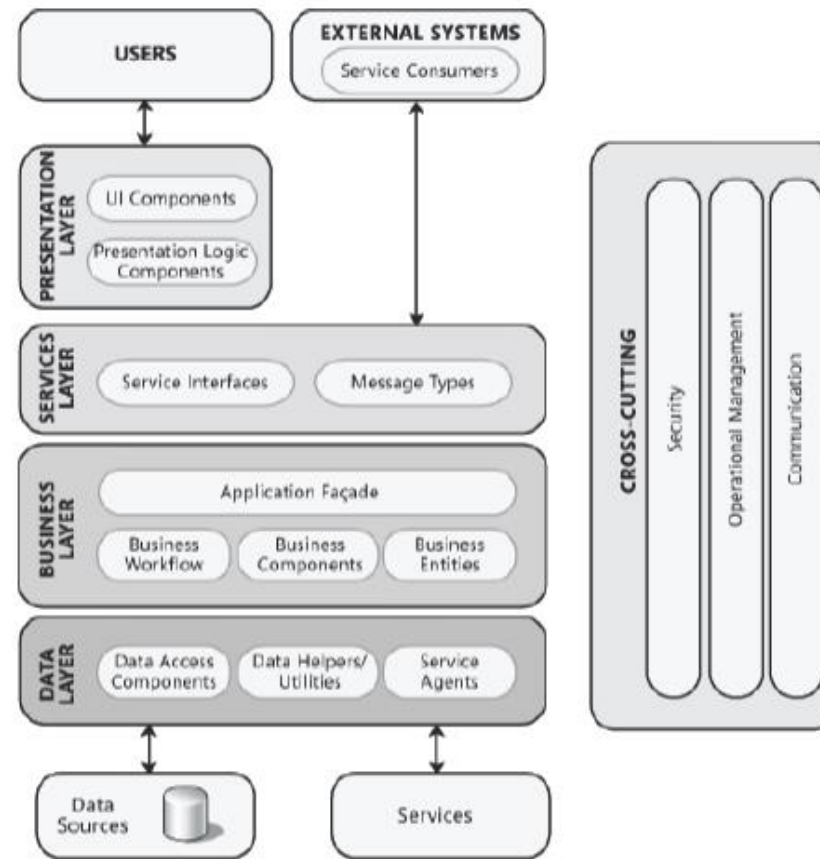




АРХИТЕКТУРА СОФТВЕРА



What is Software Architecture?

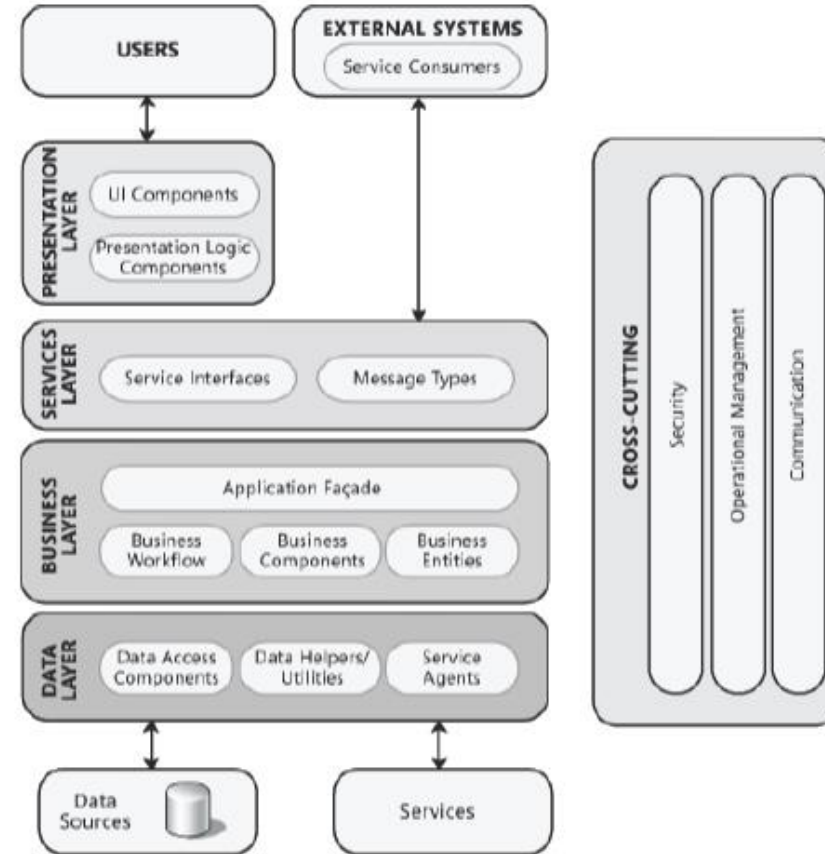


Source: <http://msdn.microsoft.com/en-us/library/ff650706.aspx>



What is Software Architecture?

High-level

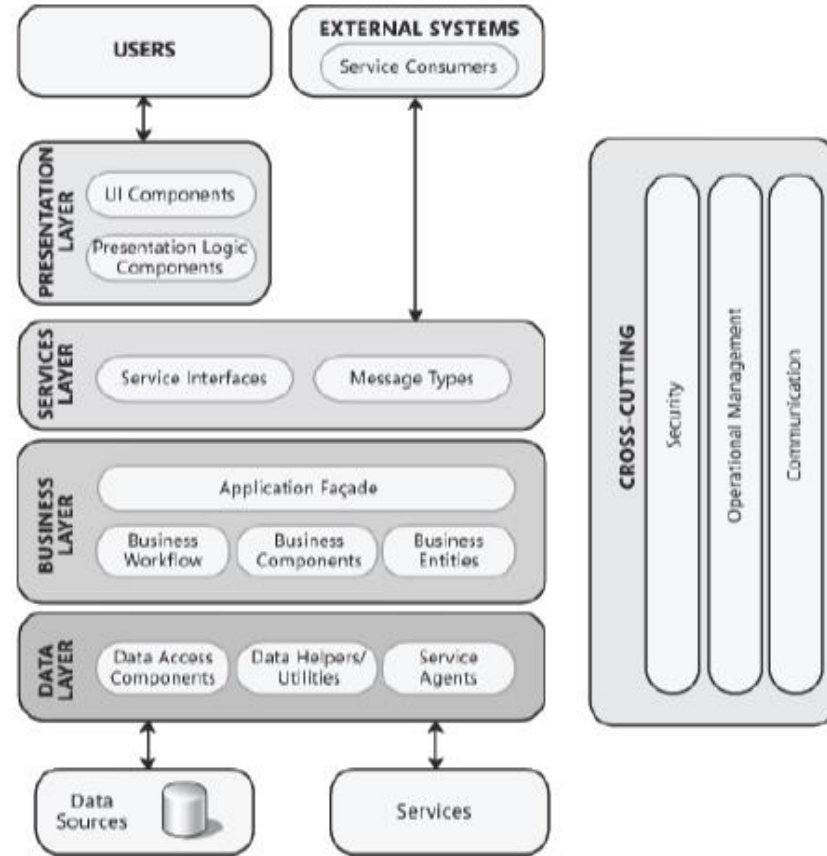


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What is Software Architecture?

High-level Structure

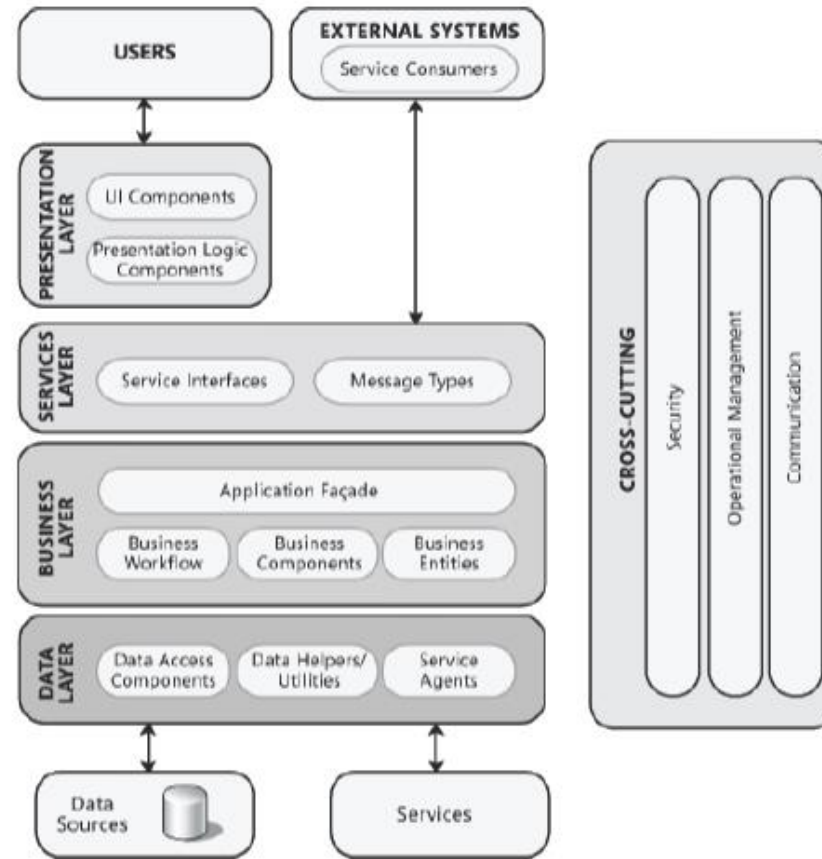


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What is Software Architecture?

High-level Structure Layers

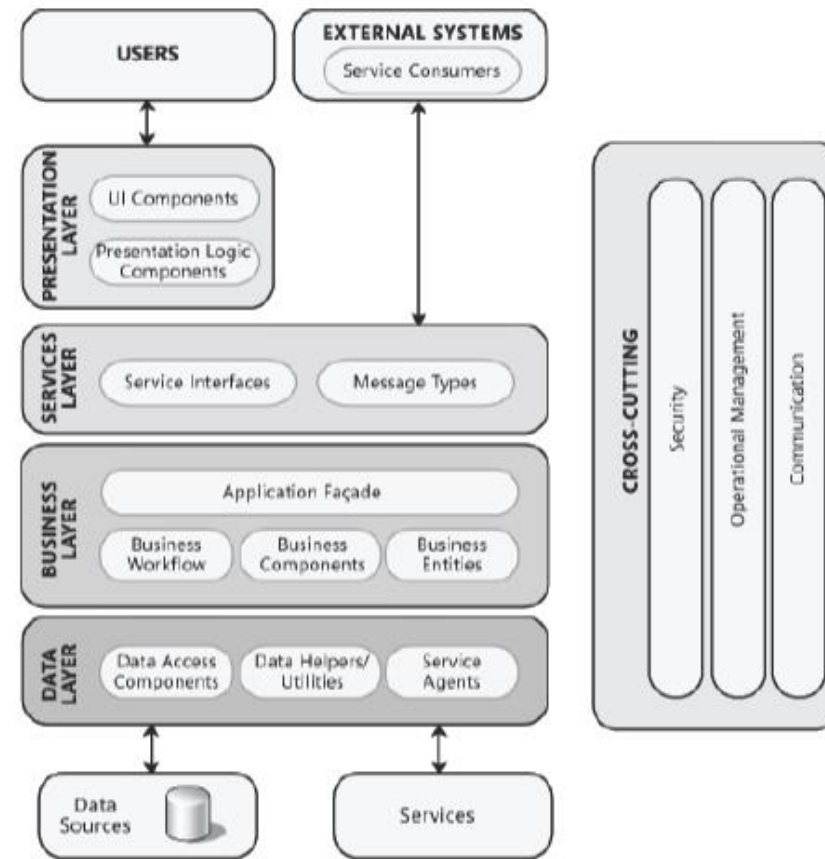


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What is Software Architecture?

High-level
Structure
Layers
Components

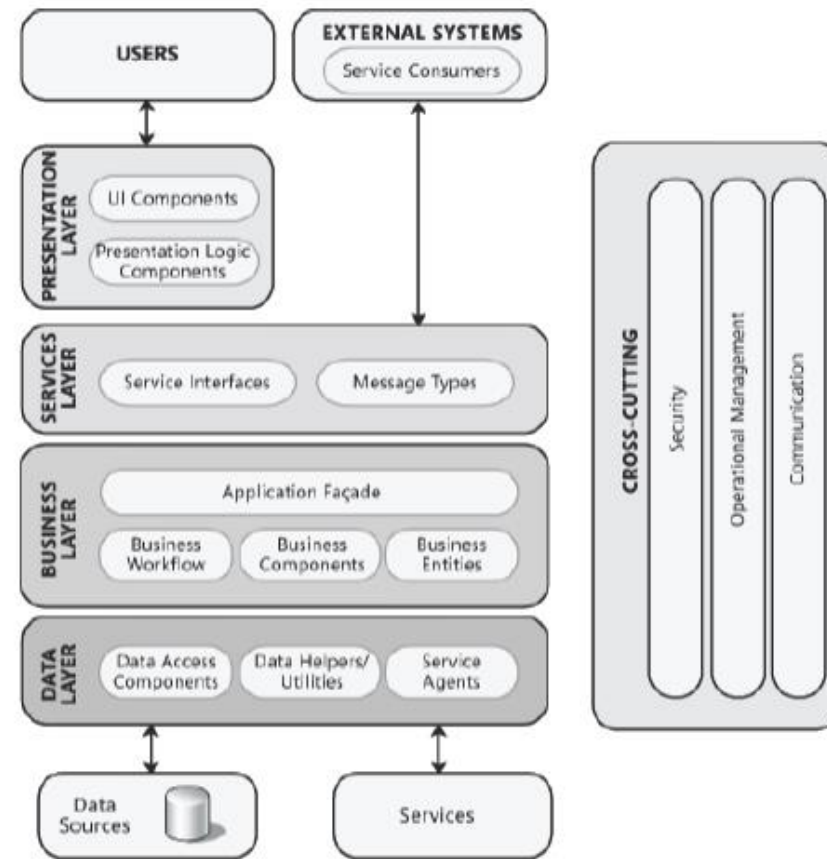


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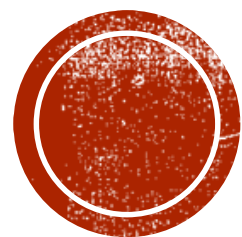
What is Software Architecture?

High-level
Structure
Layers
Components
Relationships



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

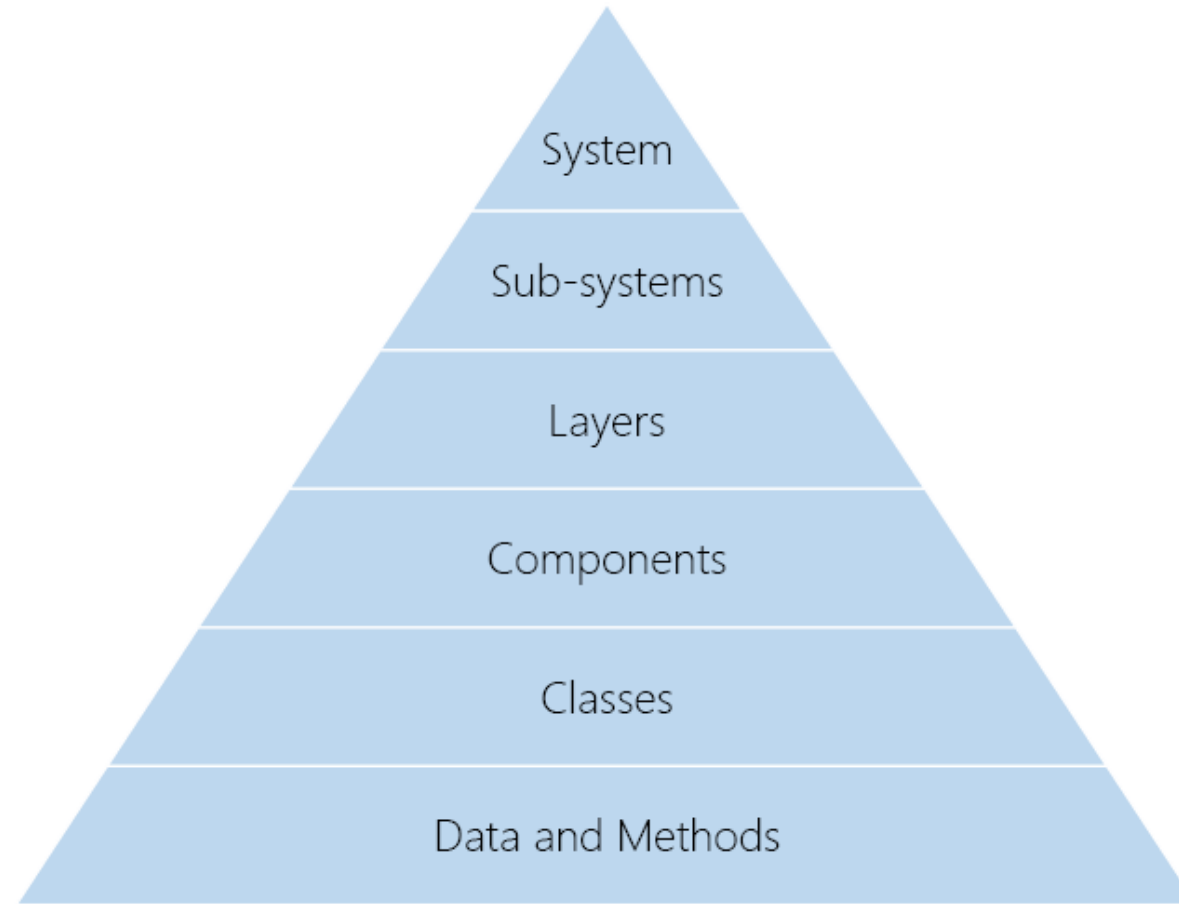




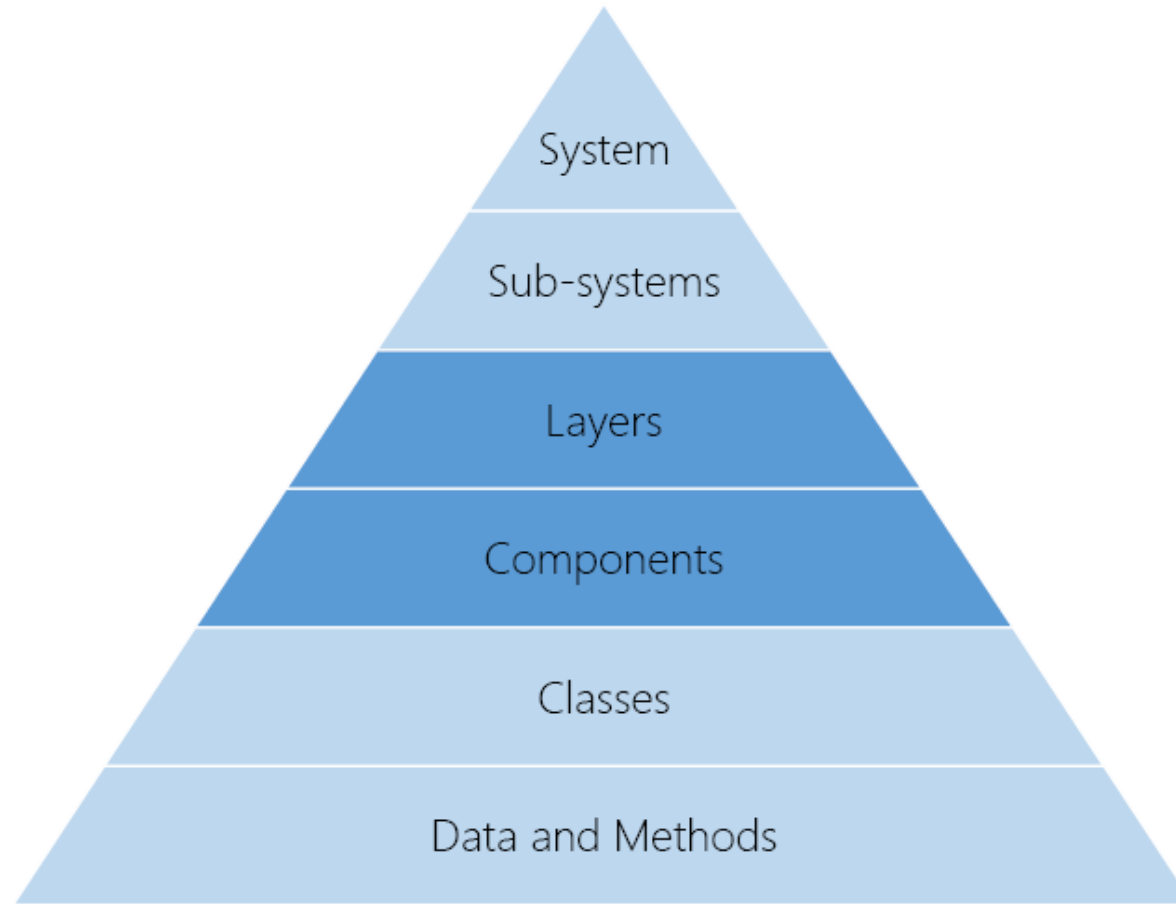
СЛОЈЕВИ АПСТРАКЦИЈЕ КОД АРХИТЕКТУРЕ

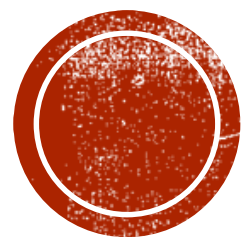


Levels of Architectural Abstraction



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
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What Is Clean Architecture?

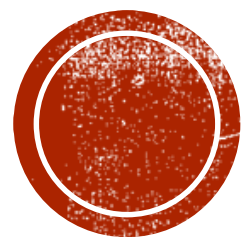
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What Is Clean Architecture?

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?

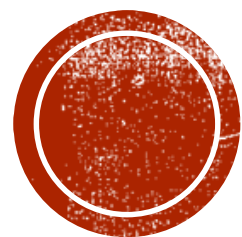
Cost/benefit

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

