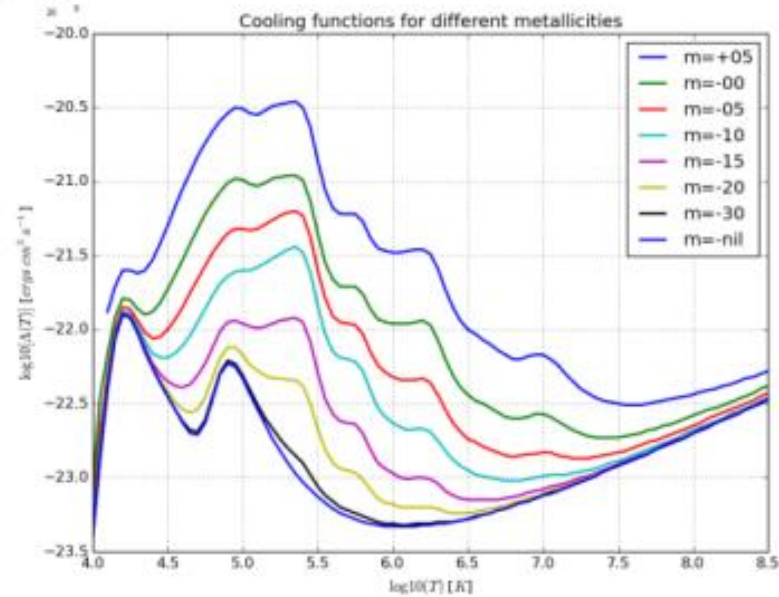
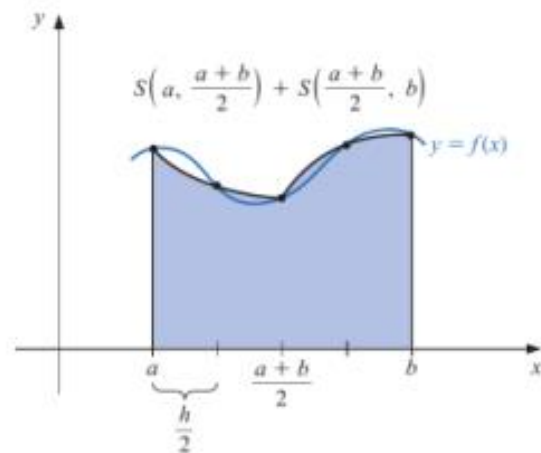
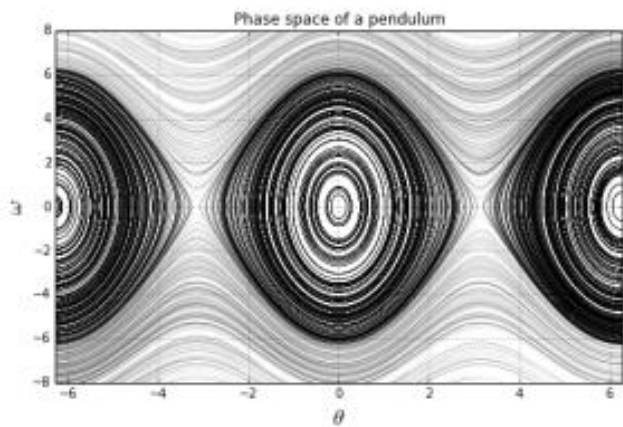
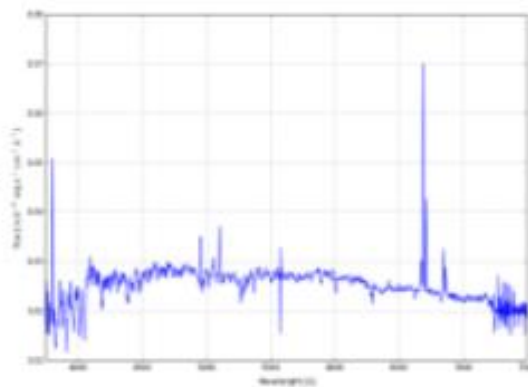
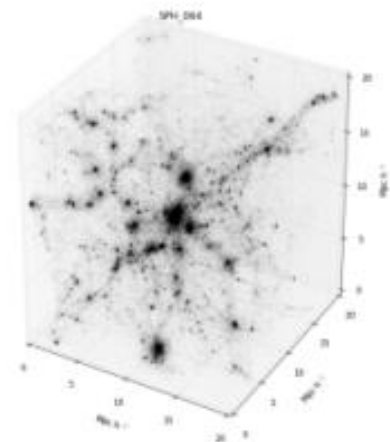
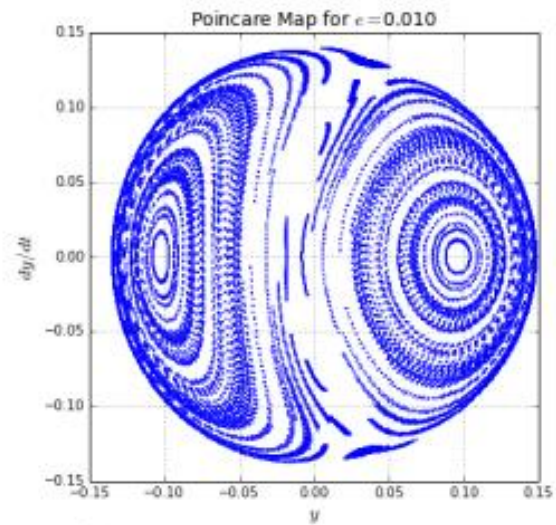


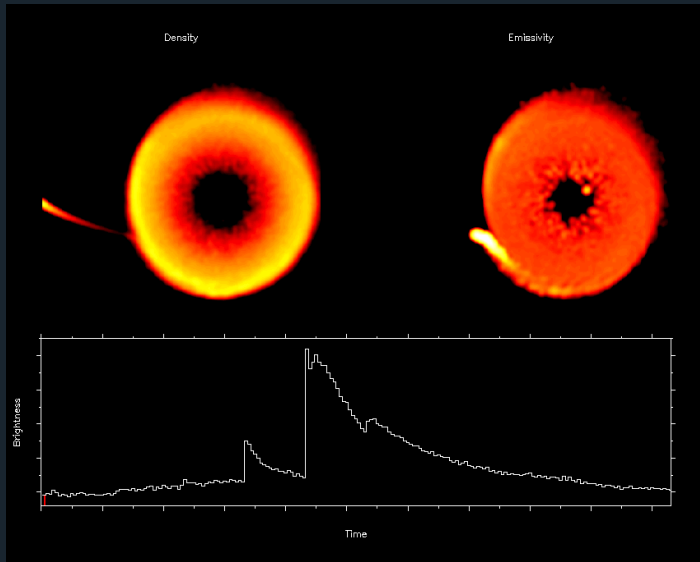
Архитектор не нужен***

Станислав Ткаченко

Arkadium

Кратко о себе





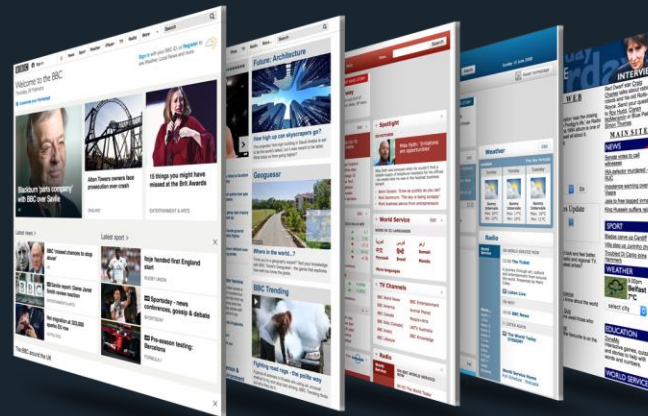
Alzex Personal Finance Pro 5.7 - C:\Users\Alexandr\Documents\Personal Finances\demo_english.pfd - Administrator

File Edit View Directories Tools Help

Overview Transactions Calendar Scheduler Events Budget Loans Reports Currencies Accounts Categories Users Settings

Accounts View Group by February 2014 Filters

Description	Amount	%	Tags
Overall balance	\$2 601,56		
Cash	\$1 345,00		
Cards	-\$313,02		
MasterCard	€459,30		
Visa	-\$940,84		
Bank accounts	\$1 569,58		
Bank	€1 148,28		
Income	1 800,00		
Salary	1 800,00	100%	
Expenses	-1 325,28		
Transportation	-150,00	11%	
Rent & Household	-190,00	14%	
Rent	-150,00	79%	
utils	-50,00	33%	Don't forget!
rent	-100,00	67%	Don't forget!
Phone & Internet	-40,00	21%	
Loans	-720,28	54%	
Food	-200,00	15%	
Entertainment & Recreation	-65,00	5%	
Total			\$474,72



Arkadium 

17 лет в
бизнесе

МНОЖЕСТВО
качественного
контента

Более
800
миллионов
пользователей

Более
1 миллиарда
игровых часов

XBOX LIVE
Microsoft Minesweeper
 Microsoft Studios • Puzzle & Trivia
 Share Game hub
 ★★★★★ 16K
 Top 5 Free Game in the Windows Store!
 Play the classic puzzle game that has been a part of Windows for more
 More
 E EVERYONE
 Free+
 Get
 + Offers in-app purchases

INHABIT



Time 02:34

6	4	8	3	7	8		5	9	2	1	7	9
9	5	2	6	1	3	1		8	4	1	3	
7	1	8	9	4	2	8		6	5	3		
2	9	7	1	5	4	8		4	3	6		
	3	8	8	5		7	6		1	7		
4	6	1	7		9	3	2	8	5			
	7	8	6	7	3	2	9	3	1	4		
	2	4	5	3	1	3	6	7	9	8		
1	8	3	1	8	9	4	1	7	8	5	6	2
1	2	3	4	5	6	7	8	9				

Play Casual Games

Home | News | U.S. | Sport | TV & Shows | Australia | Femal | Health | Science | Money | Video | Travel | Fashion Finder | Games

All Games | Word Games | Card Games | Puzzles Games | Casino Games | Arcade Games | Click here to search: [] Games

8 Ball Pool

Get a cool Classic billiards is back and better than ever. Choose from two challenging game modes against an AI opponent, with several customizable features. Elaborate, rich visuals show your ball's path and give you a realistic feel for where it'll end up. The best part? It's free!

PLAY NOW

Daily Games

See More Games

DAILY AMERICAN Crossword

Best Daily American Crossword

Word, Brain, Relaxing, Daily

PLAY NOW

the Daily SUDOKU

The Daily Diagonal Sudoku

Brain, Relaxing, Puzzle, Daily

PLAY NOW

the Daily Jigsaw

The Daily Jigsaw

Brain, Relaxing, Puzzle, Daily

PLAY NOW

the Daily CROSSWORD

Daily Crossword

Word, Brain, Relaxing, Daily

PLAY NOW

CRYPTIC Crossword

Best Daily Cryptic Crossword

Word, Brain, Relaxing, Daily

PLAY NOW

DAILY QUICK Crossword

Best Daily Quick Crossword

Word, Brain, Relaxing, Daily

PLAY NOW



Time 02:34



4x4 Block Duplicate

Block Transfer

5x5 Block Guide

Hint x3

Notes

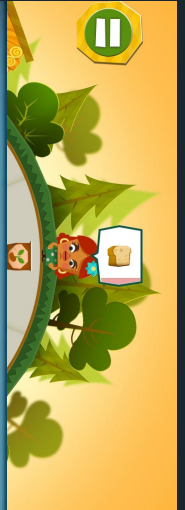
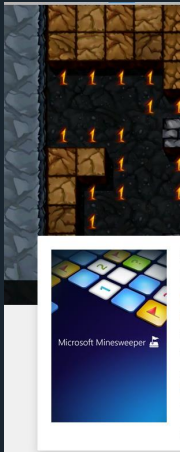


Share

Write

6	⁴ 8	3	⁷ 8		5	⁹	2	¹ ₇ 9
9	5	2	6	¹ 3 ₇	¹ ₇	8	4	¹ 3 ₇
7	1	₈	9	4	² ₈	6	5	₃
2	9	7	1	5	⁴ ₈	4	3	6
³ ₈	₈	5		⁷ 8 ⁶		1	₇	
4	6	¹	₇	9	3	2	8	5
	⁷ 8	6	⁵ 3 ₇ 8	2	9	³	1	4
	2	4	⁵ 3 ₁ 3	6	7	9	8	
¹ ₈	3	¹ ₈ 9	4	¹ ₇ 8		5	₆	2

1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---



8 Ball Pool

PLAY NOW

Free Dark Web Scan

PLAY NOW

Daily Crossword

Best Daily Cryptic Crossword

Best Daily Quick Crossword

PLAY NOW



XBOX LIVE

Microsoft Minesweeper

Microsoft Studios • Puzzle & trivia

Share Game hub

★★★★★ 16K

Top 5 Free Game in the Windows Store!

Play the classic puzzle game that has been a part of Windows for more

More



Free+



+ Offers in-app purchases



Health | Science | Money | Video | Travel | Fashion Finder | Games

Casino Games | Arcade Games | Click here to search: [input] Games

8 Ball Pool

Get a cool Classic billiards is back and better than ever. Choose from two challenging game modes against an AI opponent, with several customizable features. Elaborate, rich visuals show your ball's path and give you a realistic feel for where it'll end up. The best part? It's free!

PLAY NOW

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The Daily Jigsaw

Brains, Relaxing, Puzzles, Daily

PLAY NOW

FREE DARK WEB TRIPLE SCAN

FREE Dark Web Scan

Play Now

DAILY QUICK Crossword

Best Daily Quick Crossword

Word, Brain, Relaxing, Daily

PLAY NOW

FREE DARK WEB TRIPLE SCAN

FREE Dark Web Scan

Play Now





8 Ball Pool

Get a cue! Classic billiards is back and better than ever. Choose from two challenging game modes against an AI opponent, with several customizable features. Elaborate, rich visuals show your ball's path and give you a realistic feel for where it'll end up. The best part: It's free!

[PLAY NOW](#)

Daily Games

[See More Games](#)

DAILY AMERICAN
Crossword

Best Daily American Crossword
Word, Brain, Relaxing, Daily

[PLAY NOW](#)

the Daily DIAGONAL SUDOKU

The Daily Diagonal Sudoku
Brain, Relaxing, Puzzles, Daily

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the Daily Jigsaw

The Daily Jigsaw
Brain, Relaxing, Puzzles, Daily

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SOCIAL SECURITY NUMBER + PHONE NUMBER + EMAIL

Free Dark Web Scan

Find out if your personal info is on the Dark Web with a Free Dark Web Triple Scan.

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the Daily CROSSWORD

Daily Crossword
Word, Brain, Relaxing, Daily

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CRYPTIC
Crossword
easy

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DAILY QUICK
Crossword

Best Daily Quick Crossword
Word, Brain, Relaxing, Daily

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FREE DARK WEB TRIPLE SCAN

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Free Dark Web Scan

Find out if your personal info is on the Dark Web with a Free Dark Web Triple Scan.

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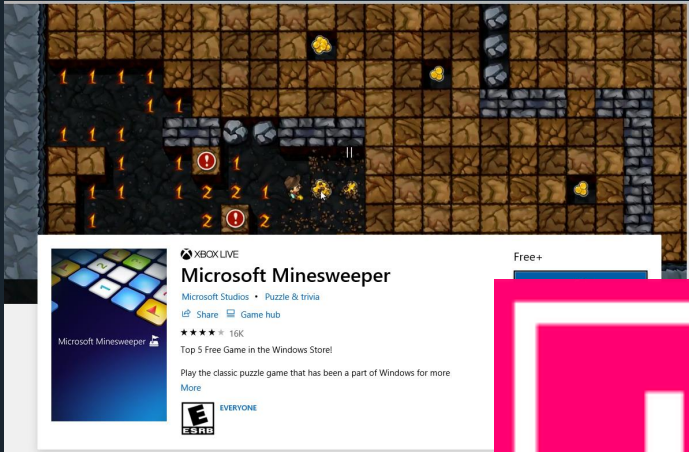
XBOX LIVE
Microsoft Minesweeper
Microsoft Studios • Puzzle & Trivia

Share | Game hub

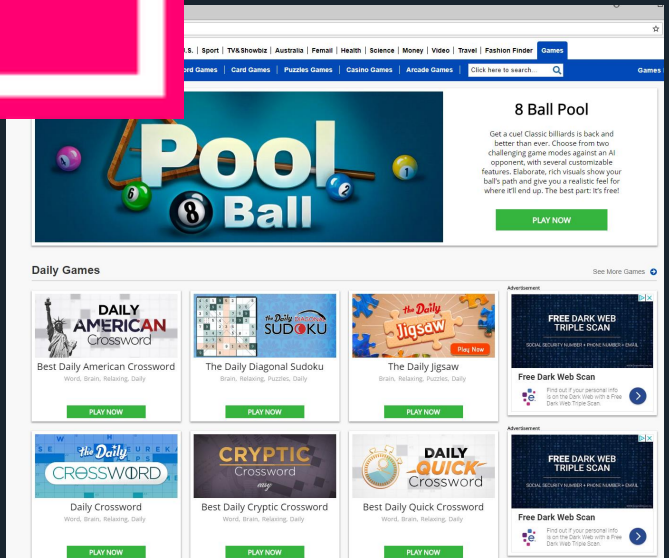
★★★★ 16K
Top 5 Free Game in the Windows Store!

Play the classic puzzle game that has been a More

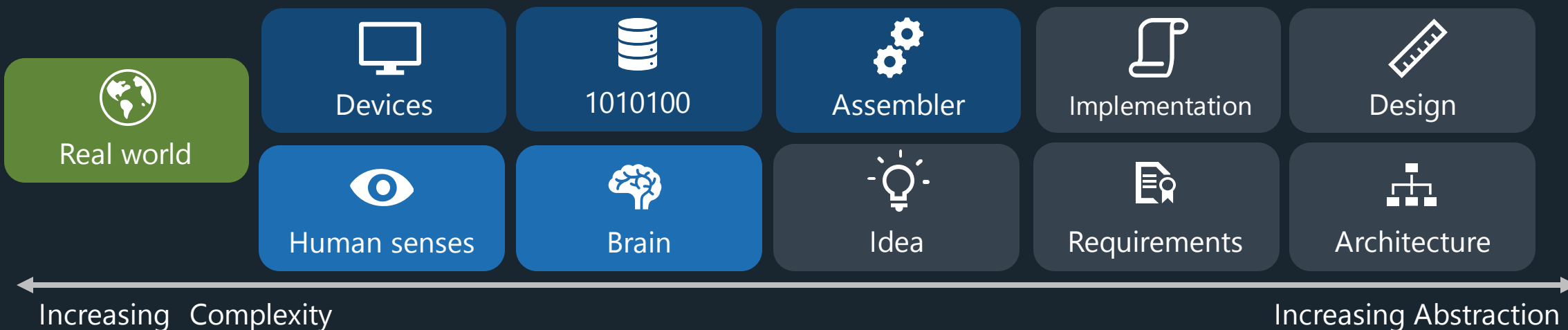
E EVERYONE



INHABIT



Теория





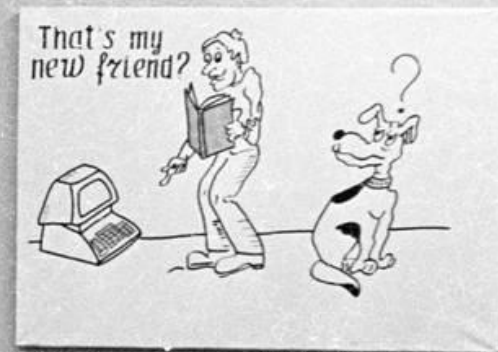
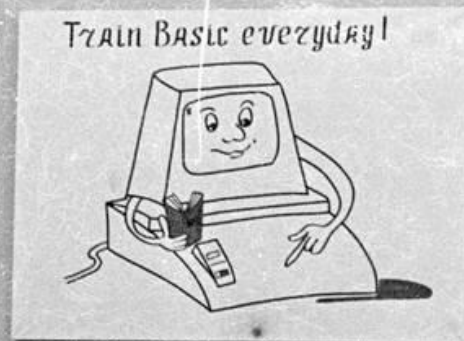
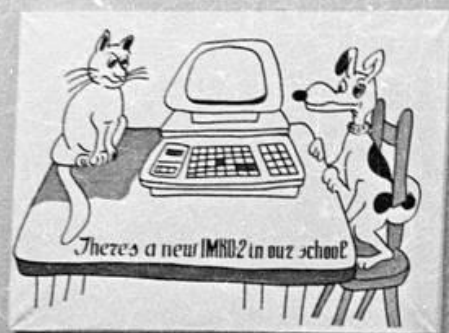
Idea



Implementation



ПРОГРАММИРОВАНИЕ - ВТОРАЯ ГРАМОТНОСТЬ. ПЕРВАЯ
ГРАМОТНОСТЬ ДАЕТ ЗНАНИЯ. ВТОРАЯ - ПОЗВОЛЯЕТ РЕАЛИЗО-
ВАТЬ СВОИ ЗНАНИЯ В ДЕЙСТВИИ.





Idea



Implementation





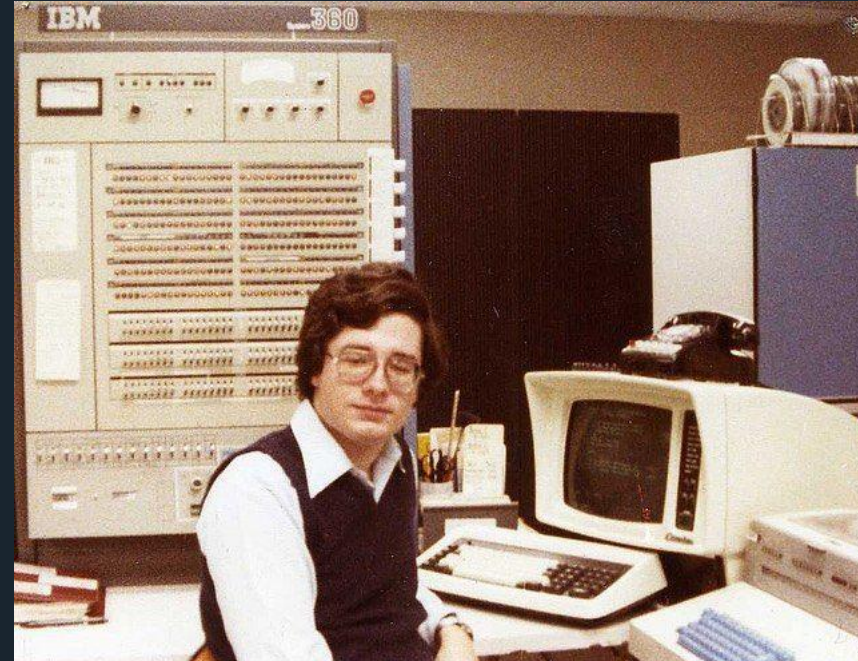
Idea



Requirements



Implementation





Idea



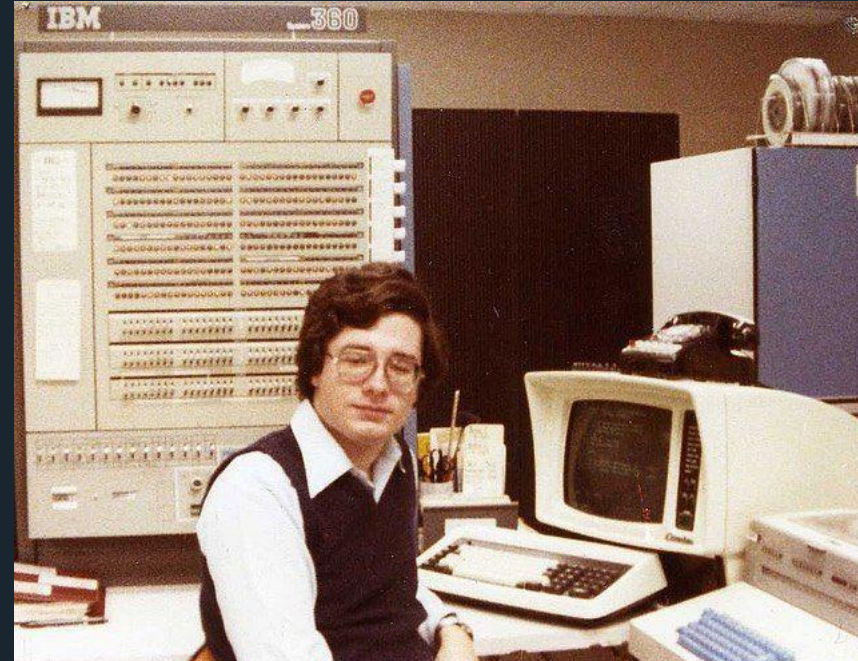
Requirements



Design



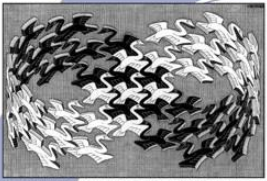
Implementation



Design Patterns

Elements of Reusable
Object-Oriented Software

Erich Gamma
Richard Helm
Ralph Johnson
John Vlissides

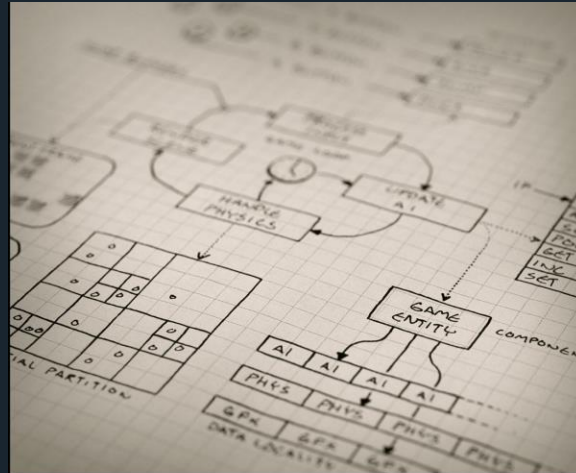


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Foreword by Grady Booch



ADDISON-WESLEY PROFESSIONAL COMPUTING SERIES



Game Programming Patterns

Robert Nystrom



Gene Belitski

F# 4.0 Design Patterns

Learn how to apply functional F# design patterns to a
huge range of programming challenges, and discover
a smart route to building better applications



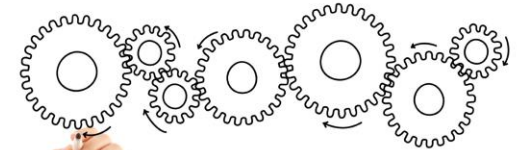
Packt

The
Pragmatic
Programmers

Functional Programming Patterns

in Scala and Clojure

Write Lean Programs for the JVM



Michael Bevilacqua-Linn

Edited by John Osborn and Fahmida Y. Rashid



Idea



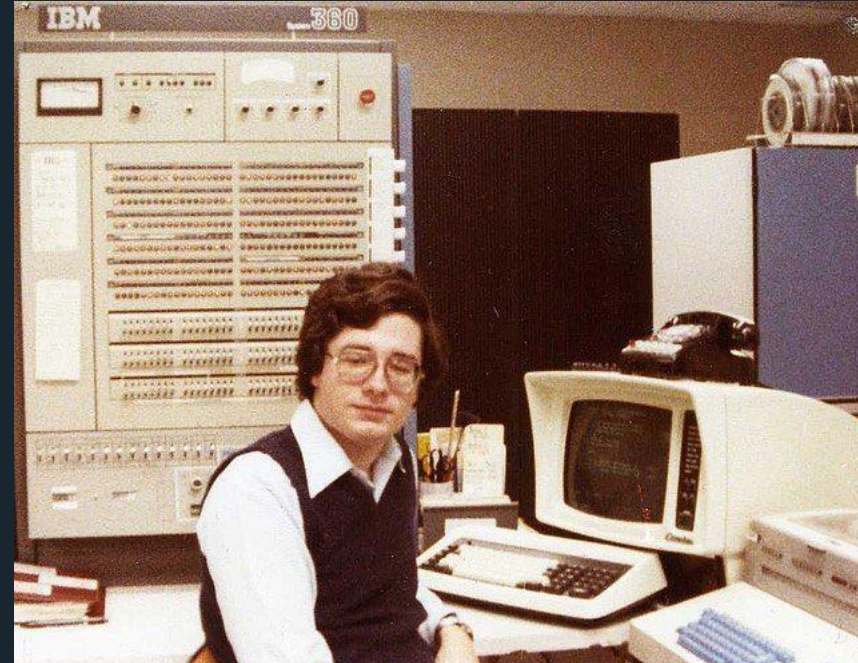
Requirements



Design



Implementation





Requirements



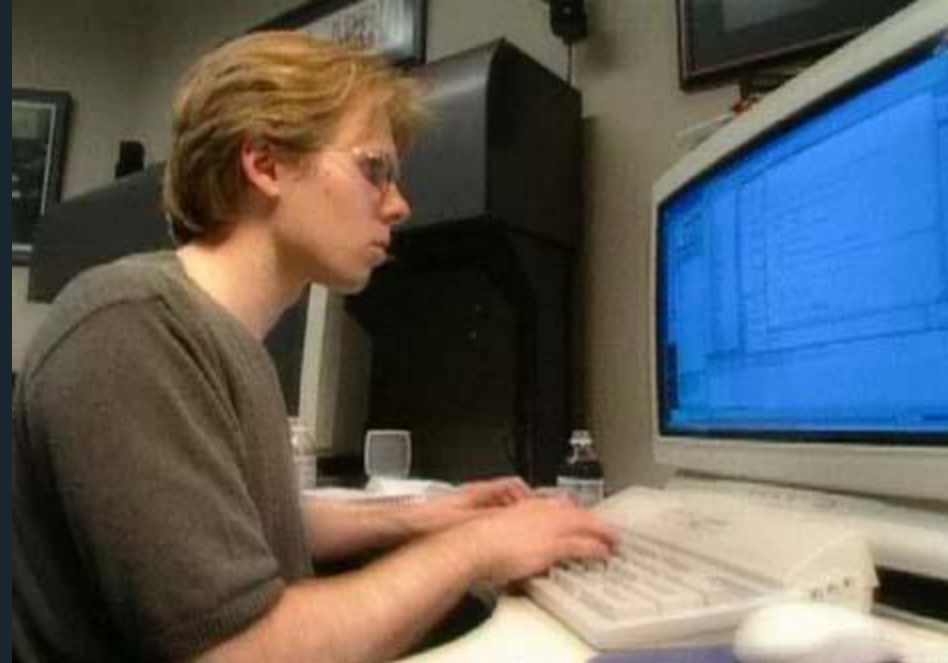
Architecture



Design



Implementation



high level abstraction
representing the structure,
behavior, and non-functional
properties of software systems

An architecture
can be recursively decomposed into parts that
interact through interfaces, relationships that
connect parts, and constraints
for assembling parts. Parts that interact
through
interfaces include classes, components and
subsystems

the highest level concept of a system
in its environment. The architecture of a software
system (at a given point in time) is its organization
or structure of significant components
interacting through interfaces, those components
being composed of successively smaller components
and interfaces.

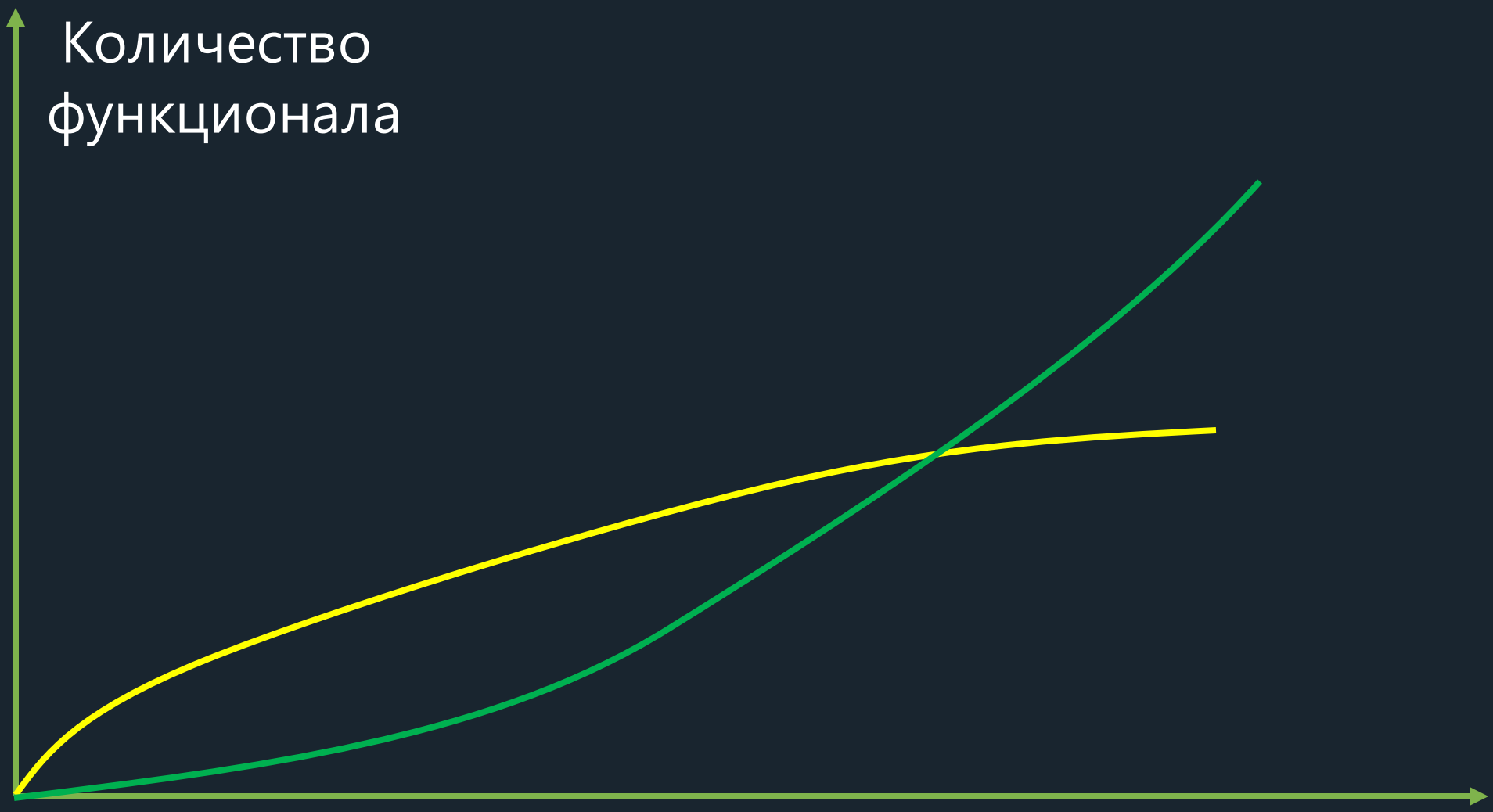
structure
or structures of the system, which
comprise software elements,
the externally visible properties of
those elements,
and the relationships among them.

fundamental concepts
or properties of a system in its
environment embodied in
its elements, relationships, and
in the principles of its design
and evolution

In most successful
software projects, the expert developers
working
on that project have a shared understanding
of the system design. This shared
understanding
is called 'architecture.'

In most successful software projects, the expert developers working on that project have a shared understanding of the system design. This shared understanding is called 'architecture.'

Количество
функционала



Время

Свойства архитектуры



Architecture

A dark grey rounded rectangle containing a white icon of a hierarchical tree structure with a root node and three child nodes, and the word "Architecture" written in white text below it.

Причем тут люди и архитектура

Conway's law

Организации, проектирующие системы, ограничены дизайном, который копирует структуру коммуникации в этой организации.



UI специалисты



Middleware специалисты

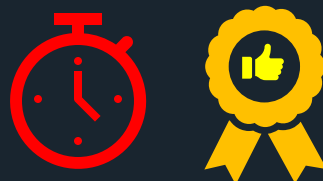


DBA специалисты

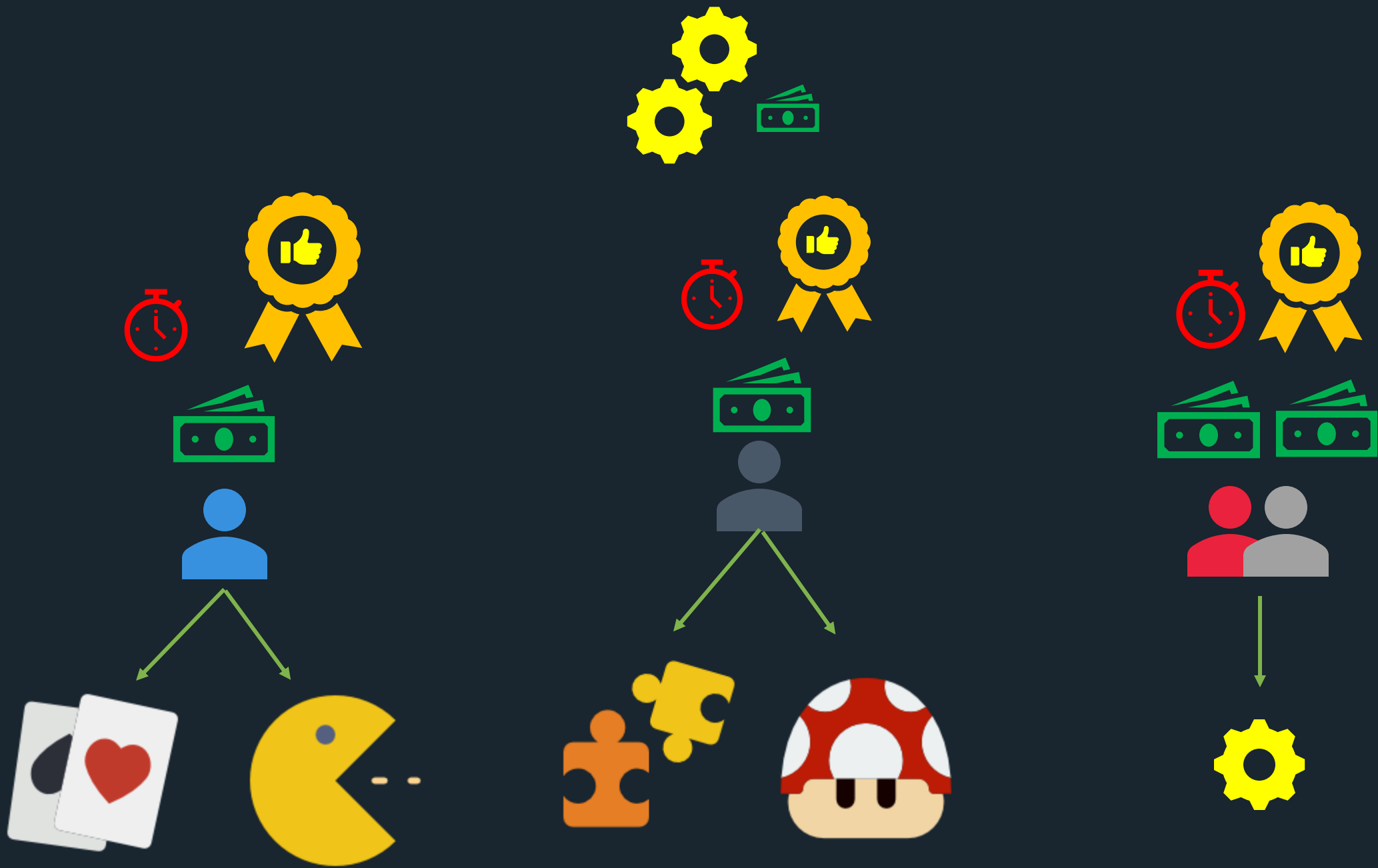


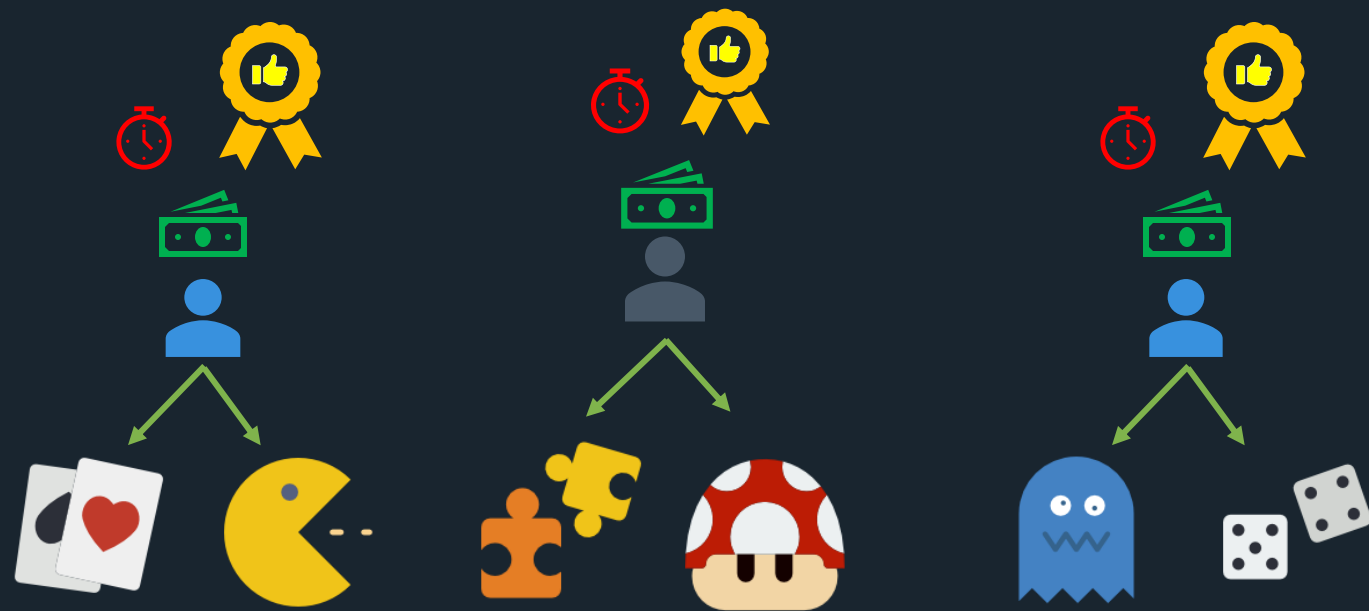
Пример 1











Еще немного теории



Grass Flying



Grass Flying

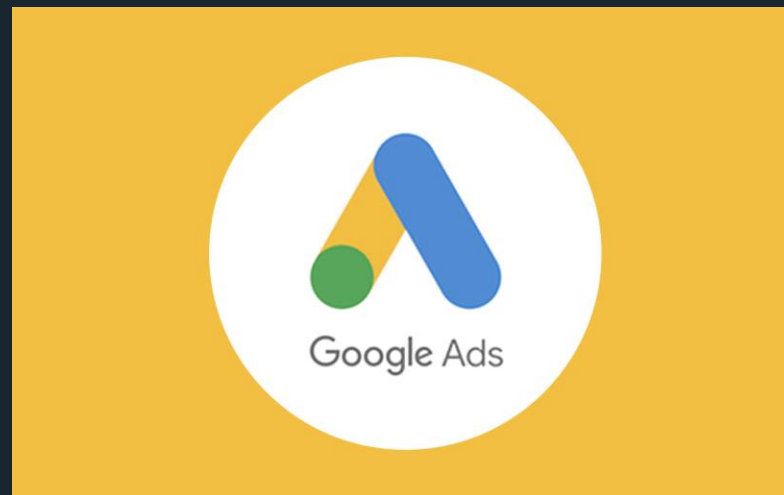


Grass Flying



Архитектура позволяет принимать решения по эволюции системы с минимальными рисками

Пример 2



Application

Business
logic

Business
logic

Business
logic

Application

Business
logic

Business
logic

Business
logic

Business
logic

Business
logic

Business
logic

Business
logic

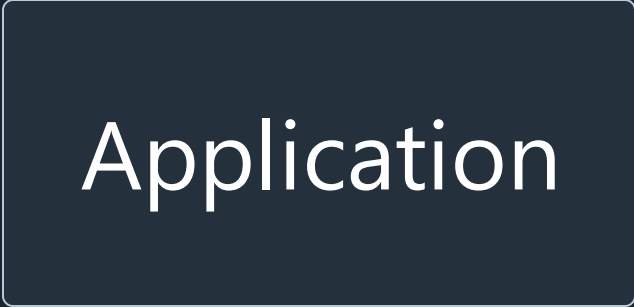
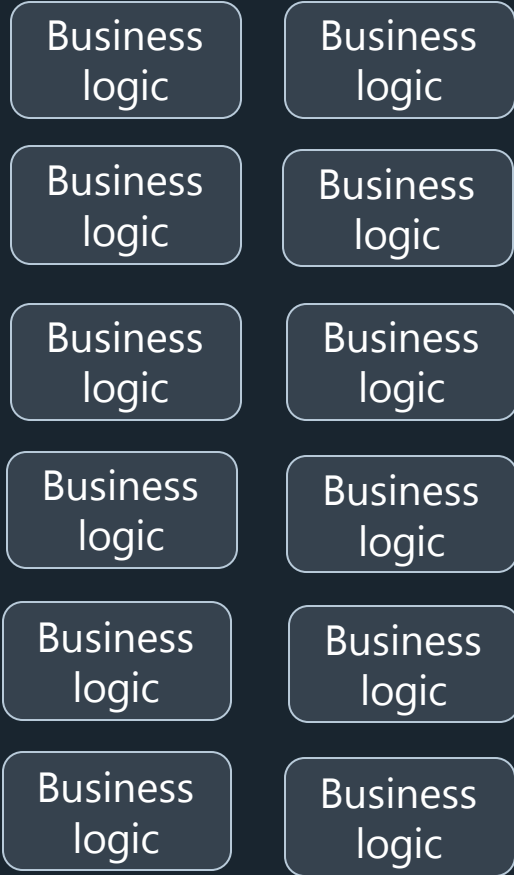
Business
logic

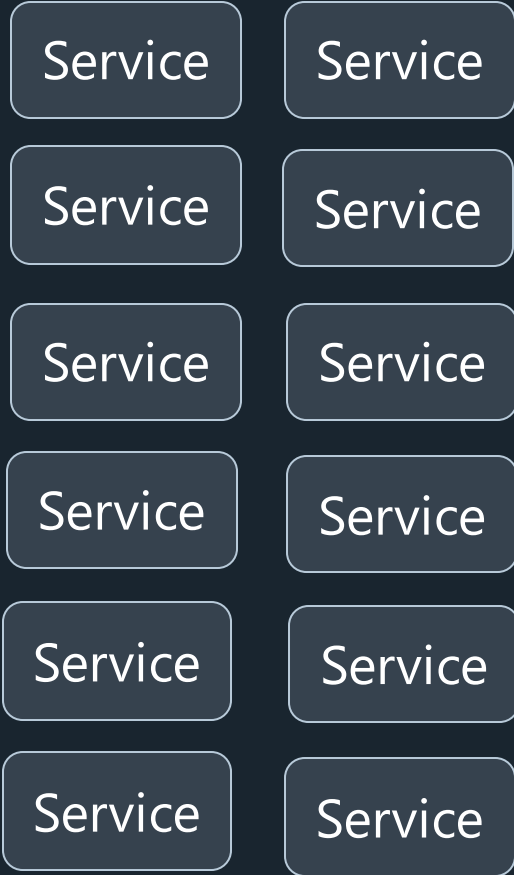
Business
logic

Business
logic

Business
logic

Business
logic





Protocol

Application





Component design

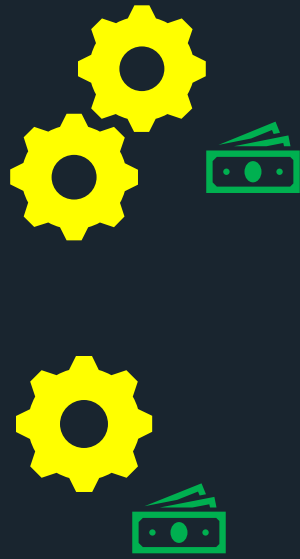
Минимальная сложность

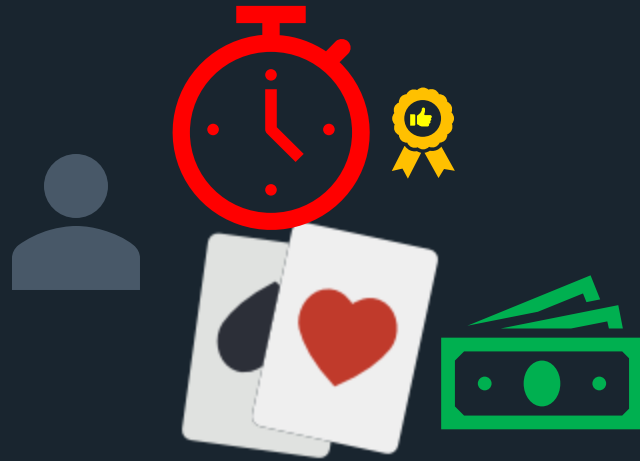
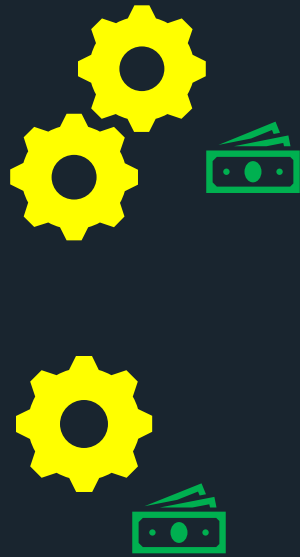
Complexity

Максимальная гибкость

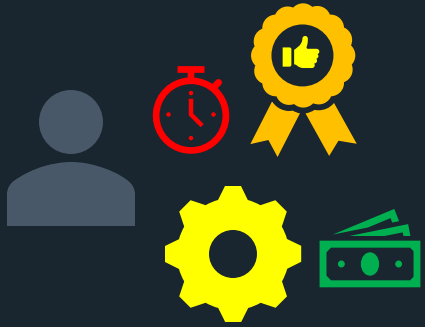
Agility

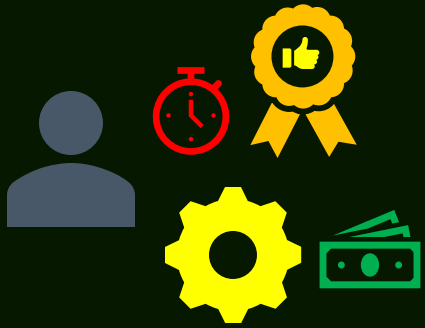
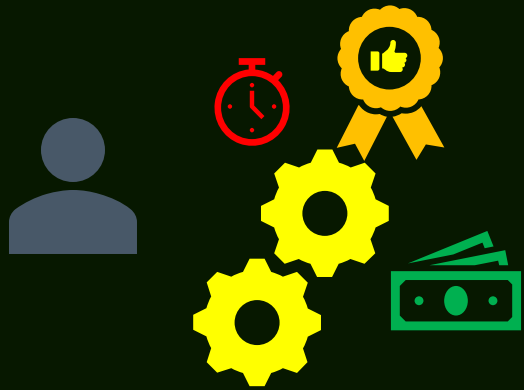
Пример 3

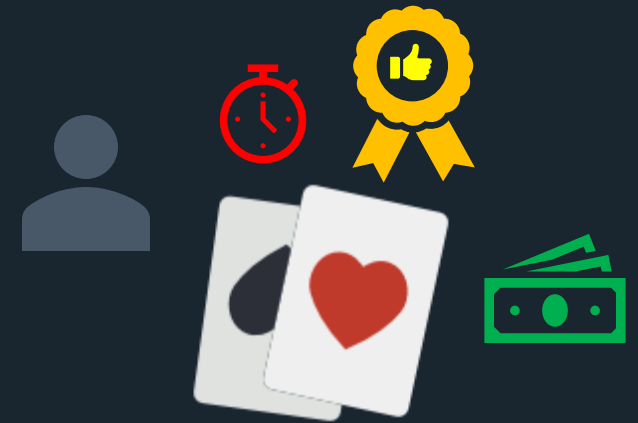








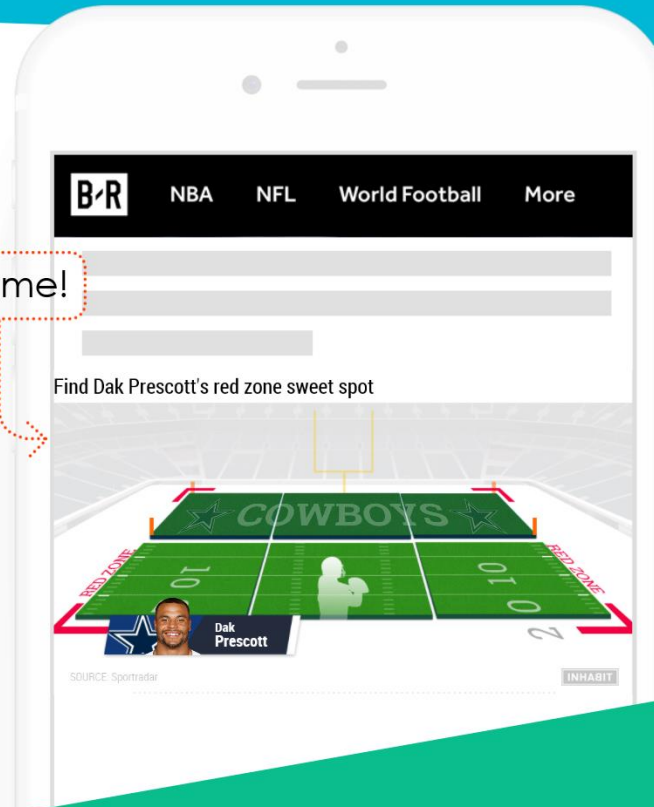




Пример 4

InHabit

Try me!



Innovating Sports Editorial

We've designed our sports *factive*™ to break their own news, by highlighting the most interesting data - as predetermined by a human sports editor. If a watercooler-worthy statistic comes out of last night's game, and it's contextually relevant, it'll be included in a *factive*™ and embedded to your article, automatically.

[See a Demo](#)

Examining Tom Brady's red zone performance



Losing Julian Edelman was obviously a difficult blow to begin the season and his loss isn't the only thing having an effect on Brady's totals down inside the red zone this season.

So far through seven games, Brady's completed 22-of-38 inside the 20 with 10 touchdowns. His 58% completion percentage is 11% lower than he finished with in 2016, having completed 43-of-62 (69%) with 20 touchdowns and one interception during last year's regular season.

Where did Tom Brady throw more touchdowns last season?



SOURCE: Sportradar

INHABIT

As it stands right now, Chris Hogan has been the player who Brady's connected with for a touchdown the most thus far in the red zone, having

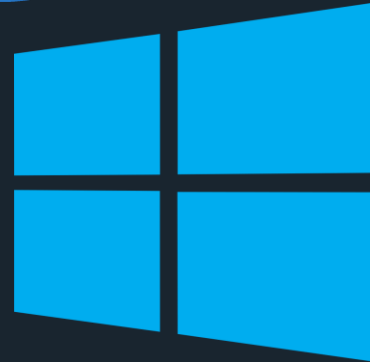
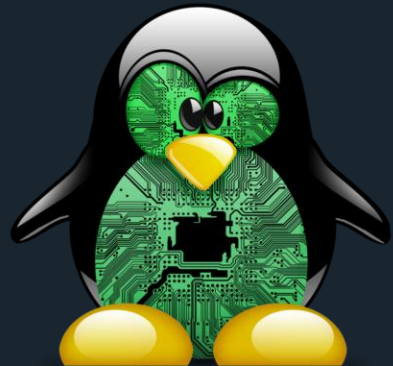
Understand
Create
Populate



docker



kubernetes



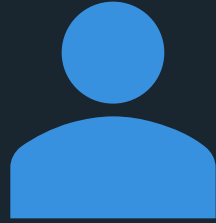
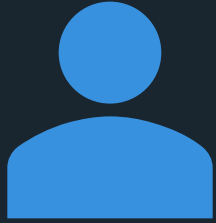
PREACT

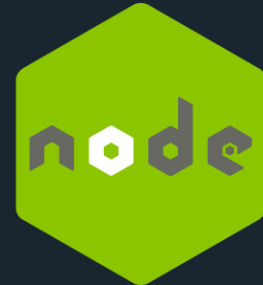
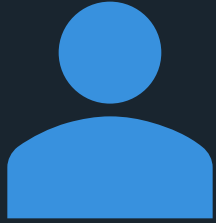






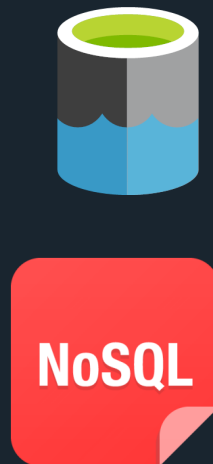














Infrastructure



Machine learning



Content



ETL

F#



Cloud Services



Research



Infrastructure

Content

Machine
learning

ETL

Cloud Services

Research

Infrastructure

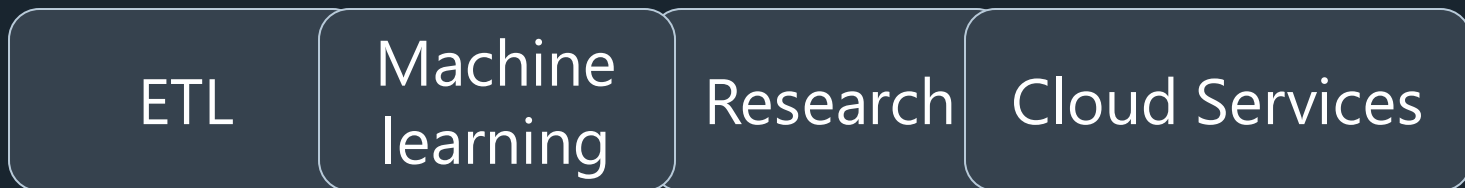
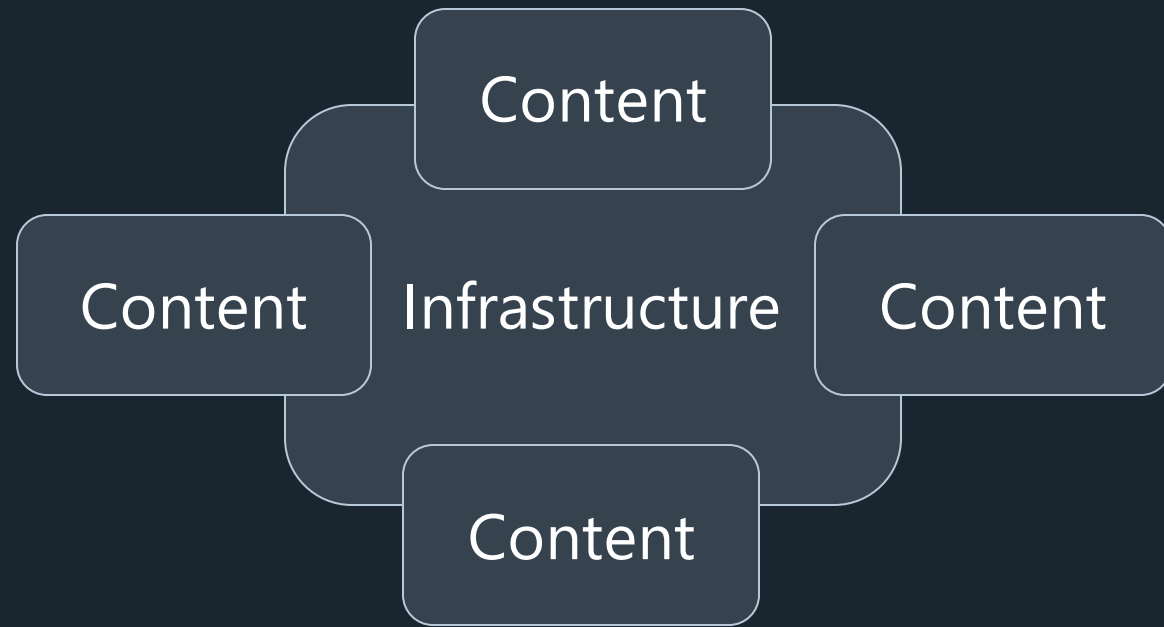
Content

ETL

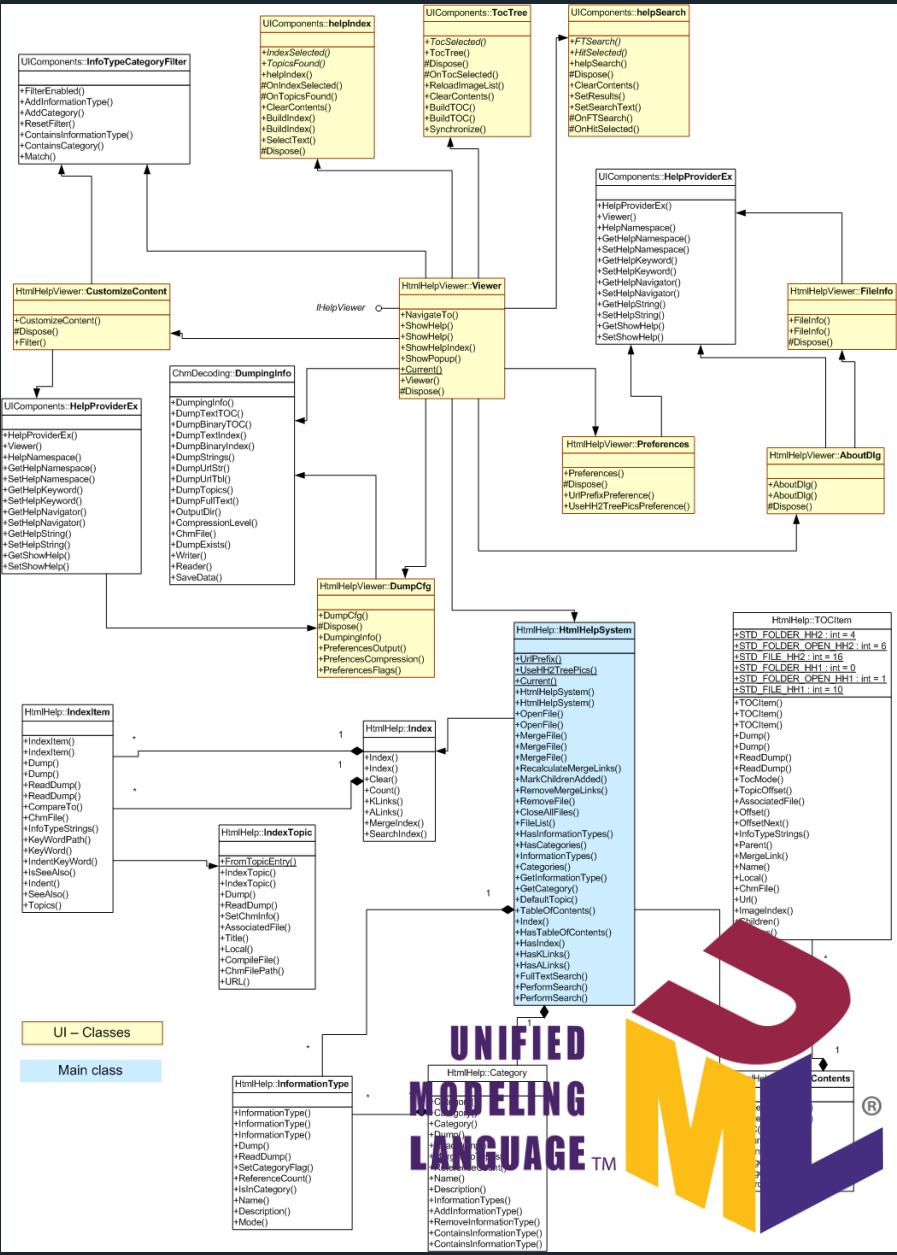
Machine
learning

Research

Cloud Services



Инструменты архитектора



ГОТОВЫЕ КОМПОНЕНТЫ



Redux

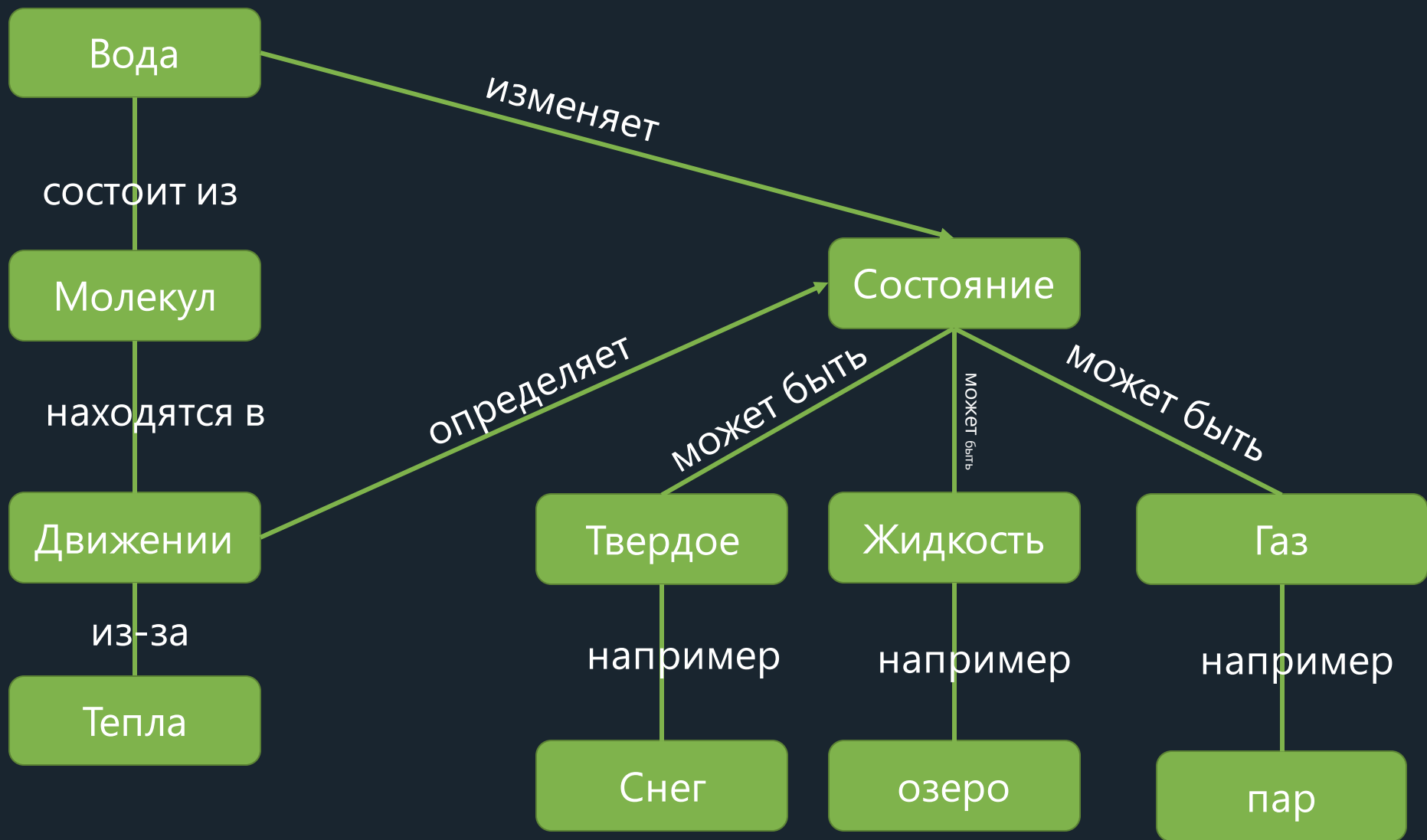


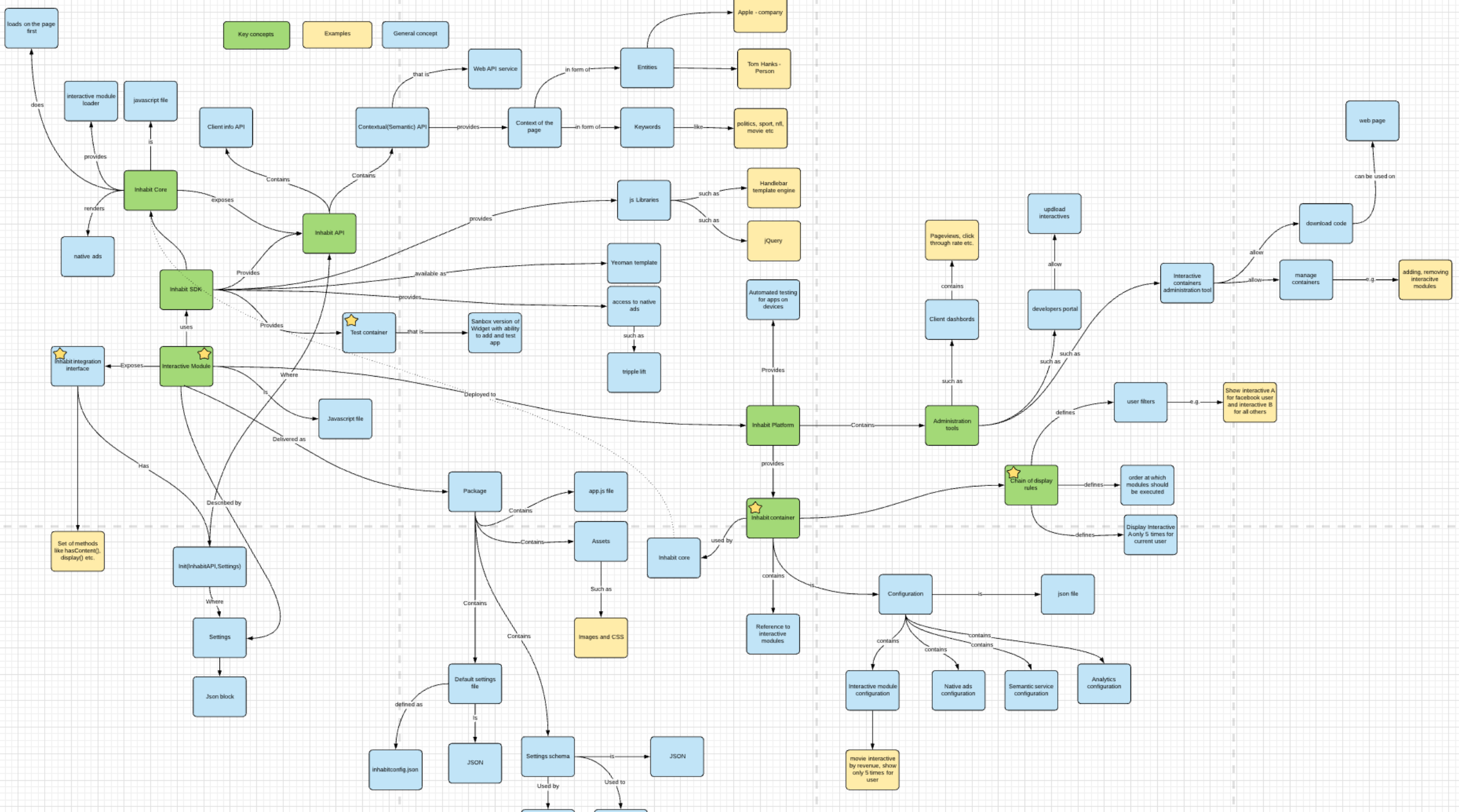
Документация

LEARNING HOW TO
LEARN



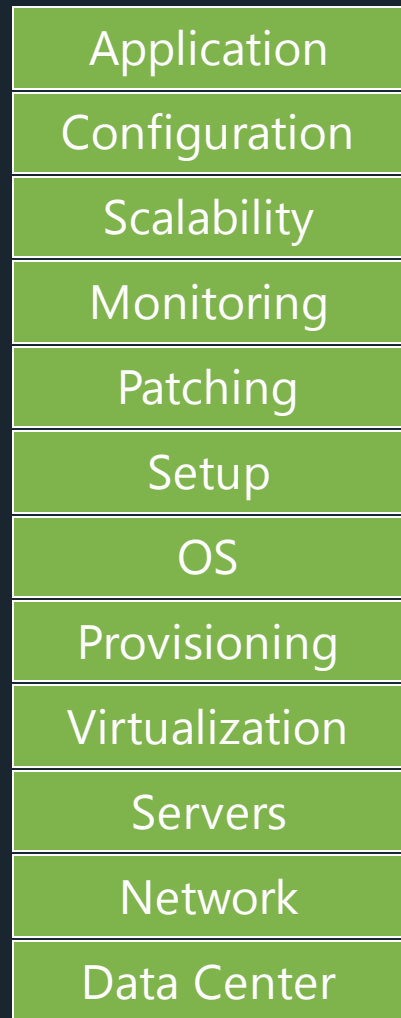
Joseph D. Novak
D. Bob Gowin



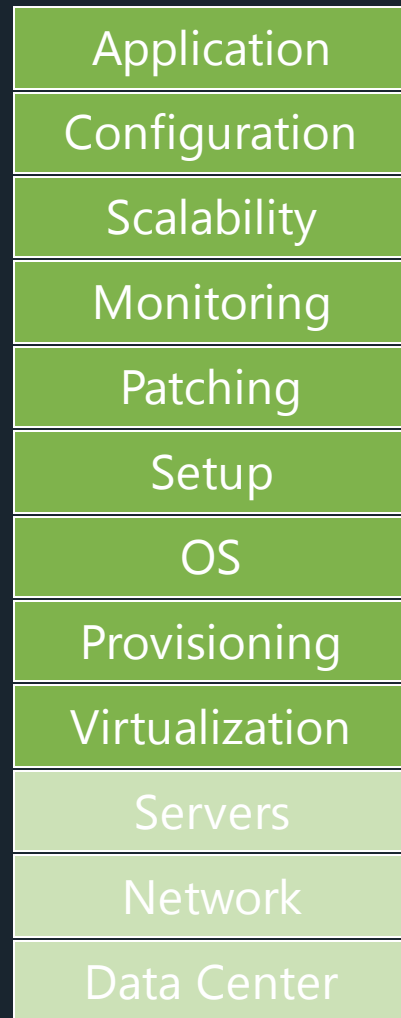


Предметная область

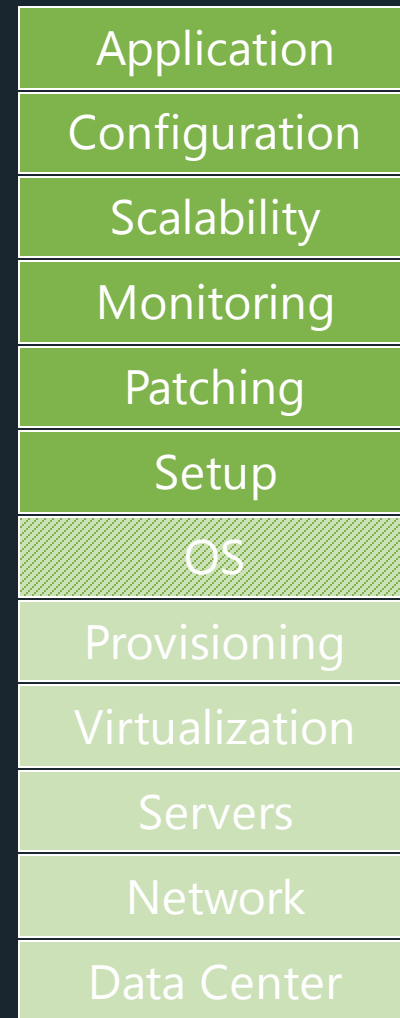
Эволюция серверных решений



Серверная (90)



Хостинг (2000)



IaaS (VMs/Containers)
(2010)

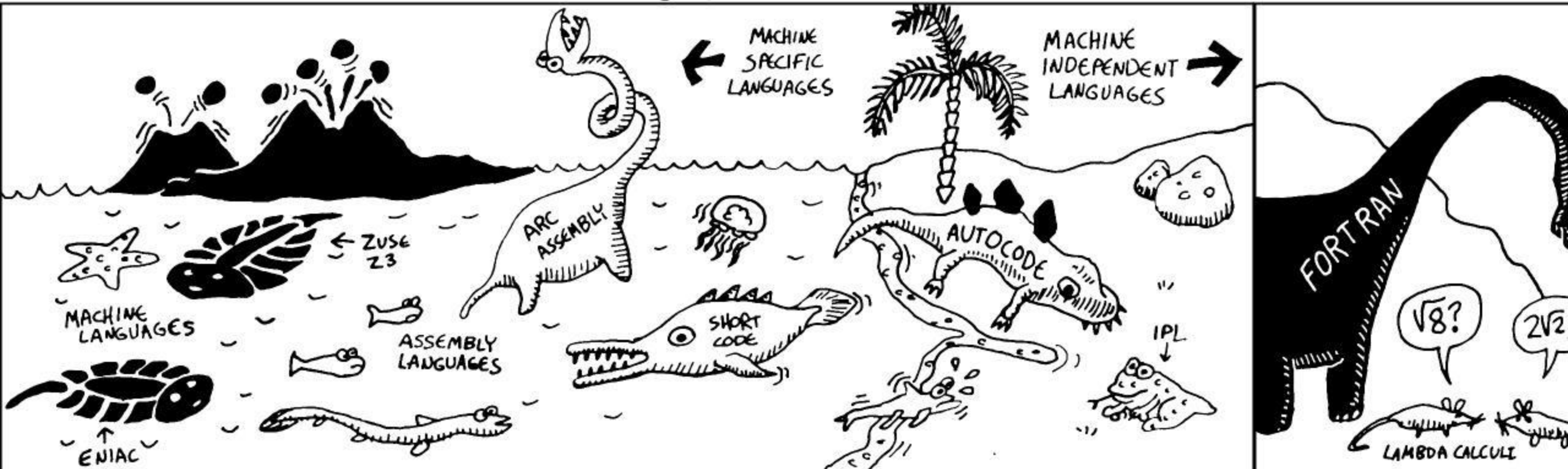


FaaS/Serverless

Эволюция языков программирования

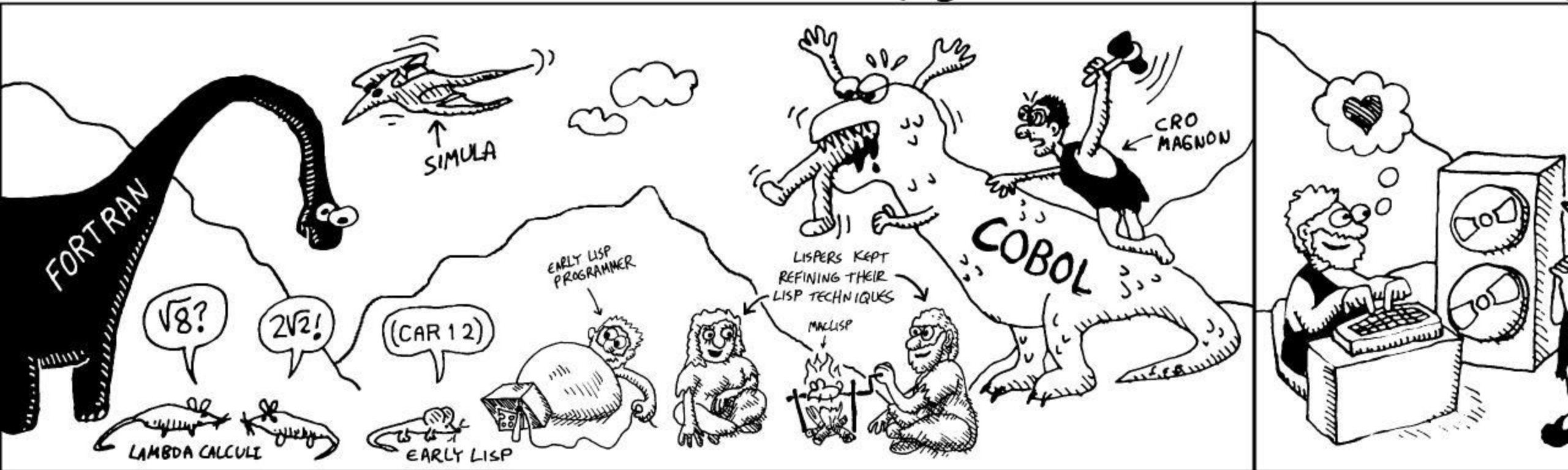
40s

50s



60s

70s

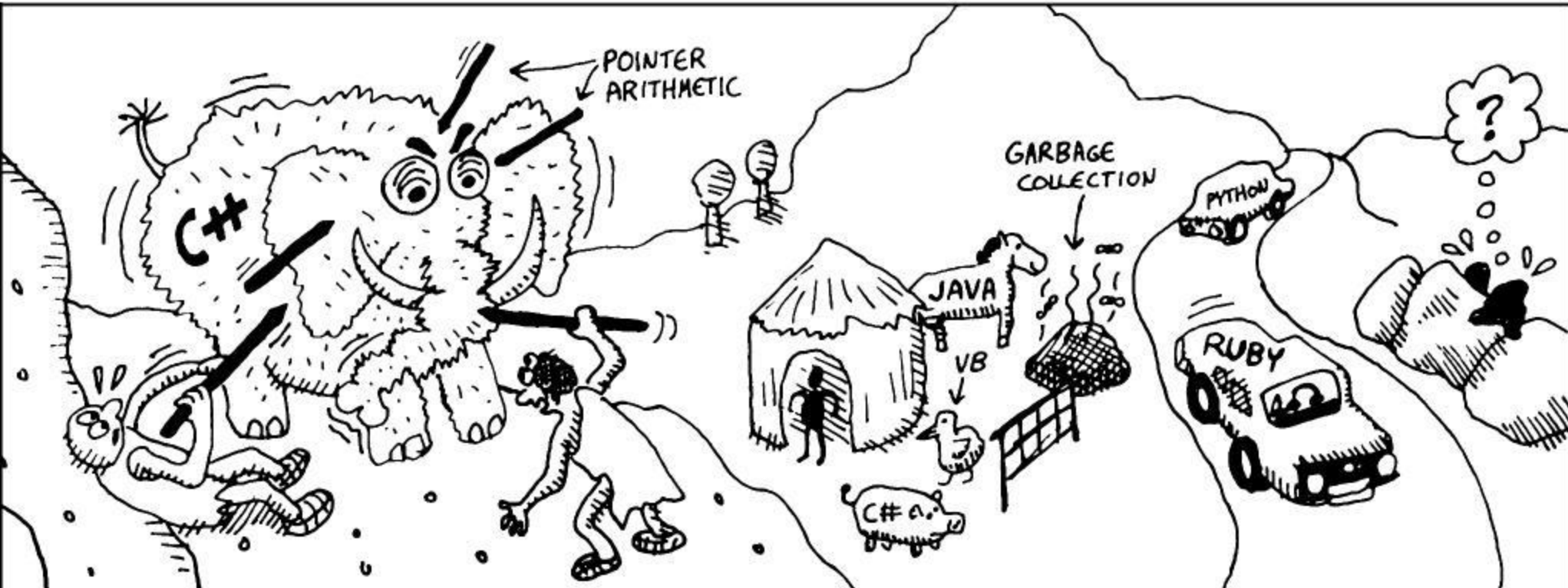


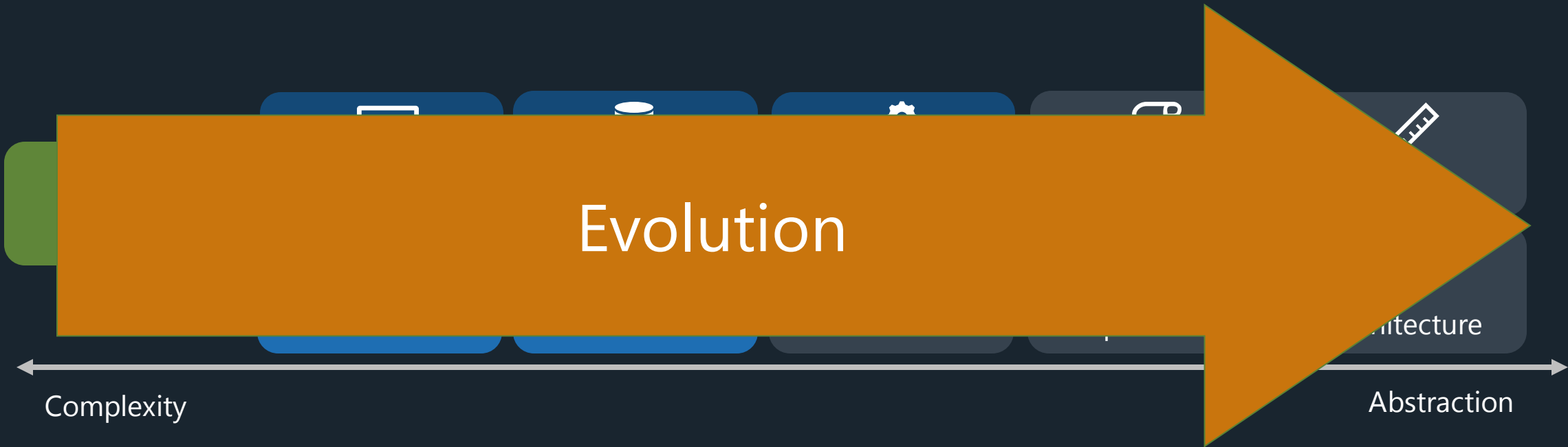
80s

90s



2000





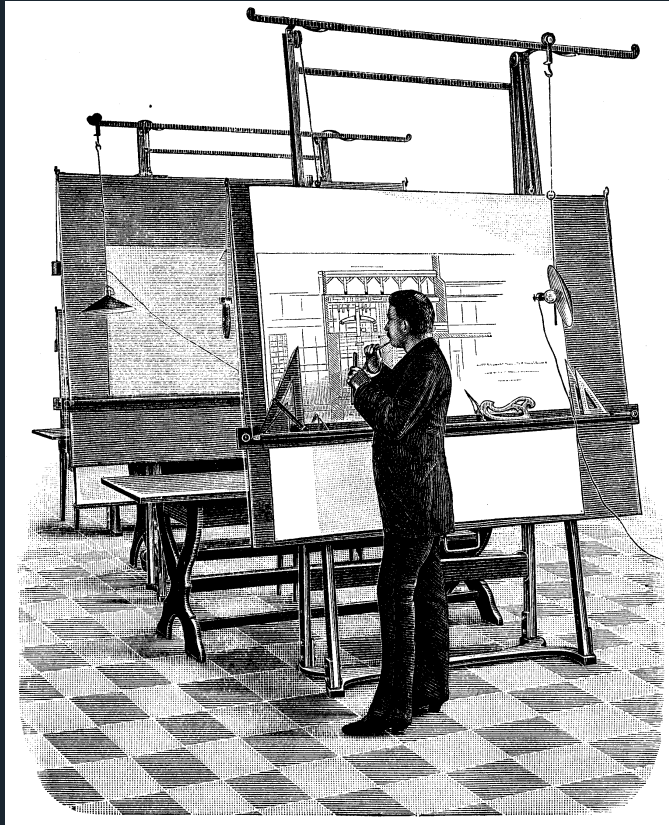
Evolution

Complexity

Abstraction

Architecture

Заключение





Кин-Дза-Дза!

*А скрипач не нужен, родной.
Он только лишнее топливо жрет.*



-Мат! А говорил второй разряд...
-Он хвастун!
-Нечестная игра! Вы за счёт моих мозгов выигрываете!