

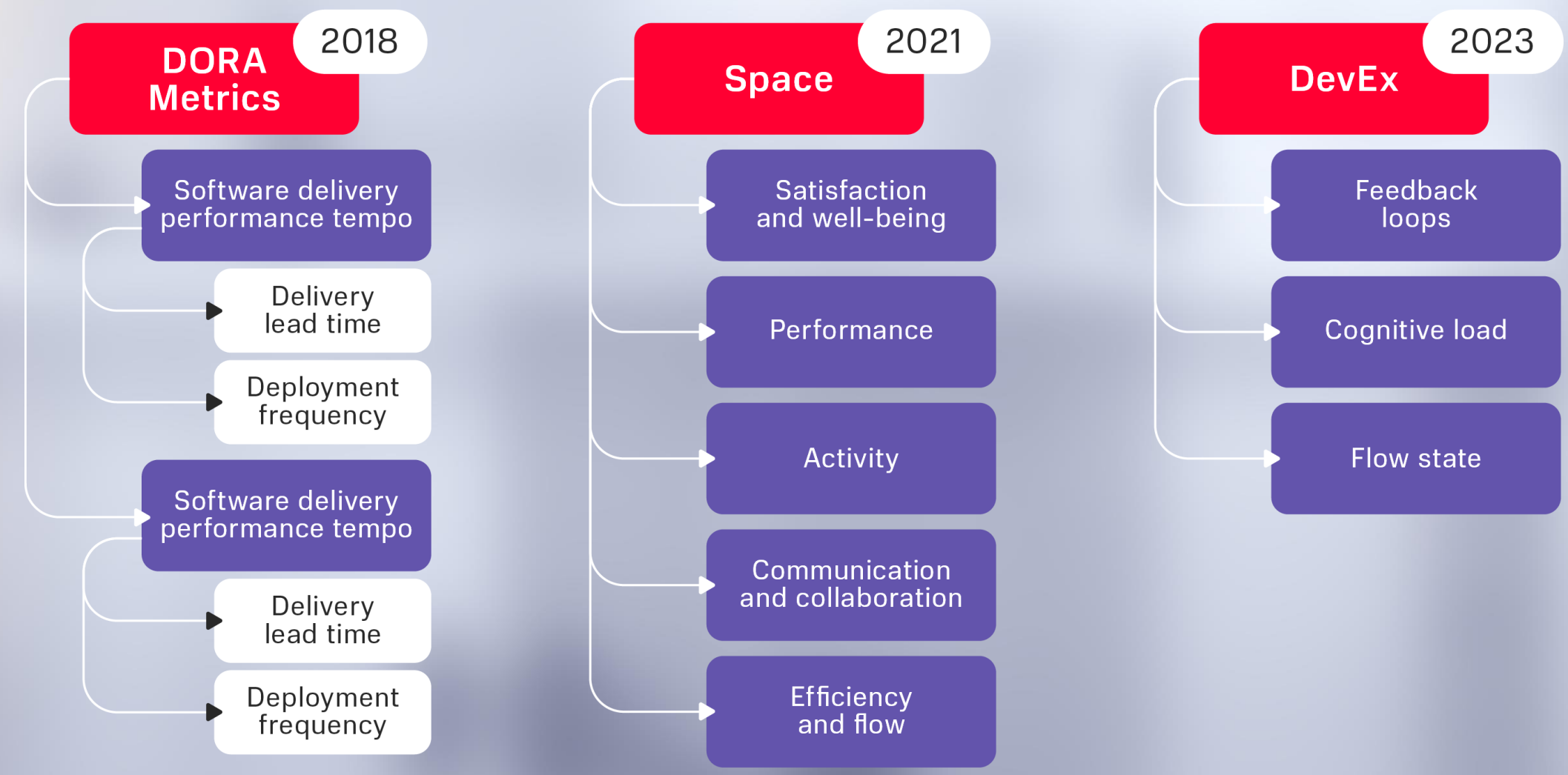
КАК И ЗАЧЕМ ИЗМЕРЯТЬ ИНЖЕНЕРНУЮ ПРОДУКТИВНОСТЬ В КРУПНОЙ КОМПАНИИ



КАКУЮ МОДЕЛЬ БУДЕМ РАССМАТРИВАТЬ

Model	Run	Change	Disrupt
Company type	Service-based company	Product-based company	
Process type	Discovery (do the right things)	Delivery (do the right things)	

РАЗВИТИЕ ПОДХОДОВ





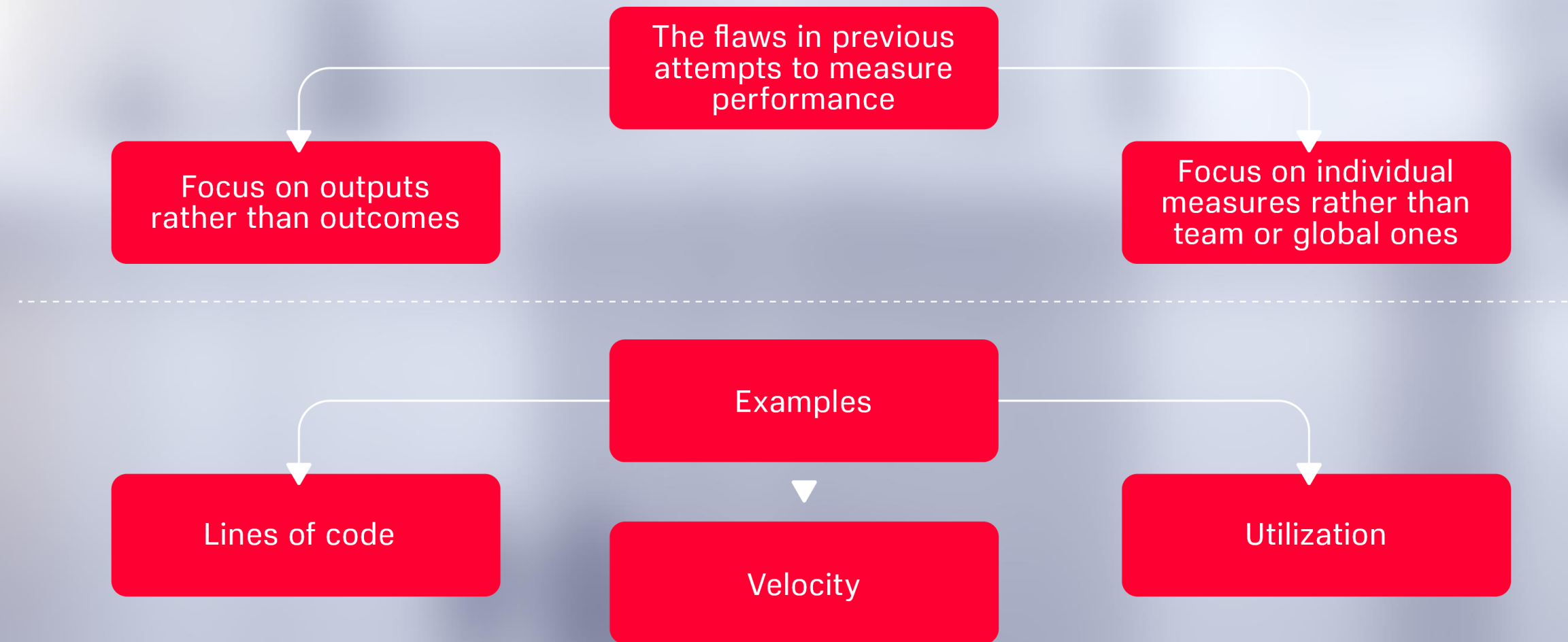
ACCELERATE IN DORA

From book "Accelerate"

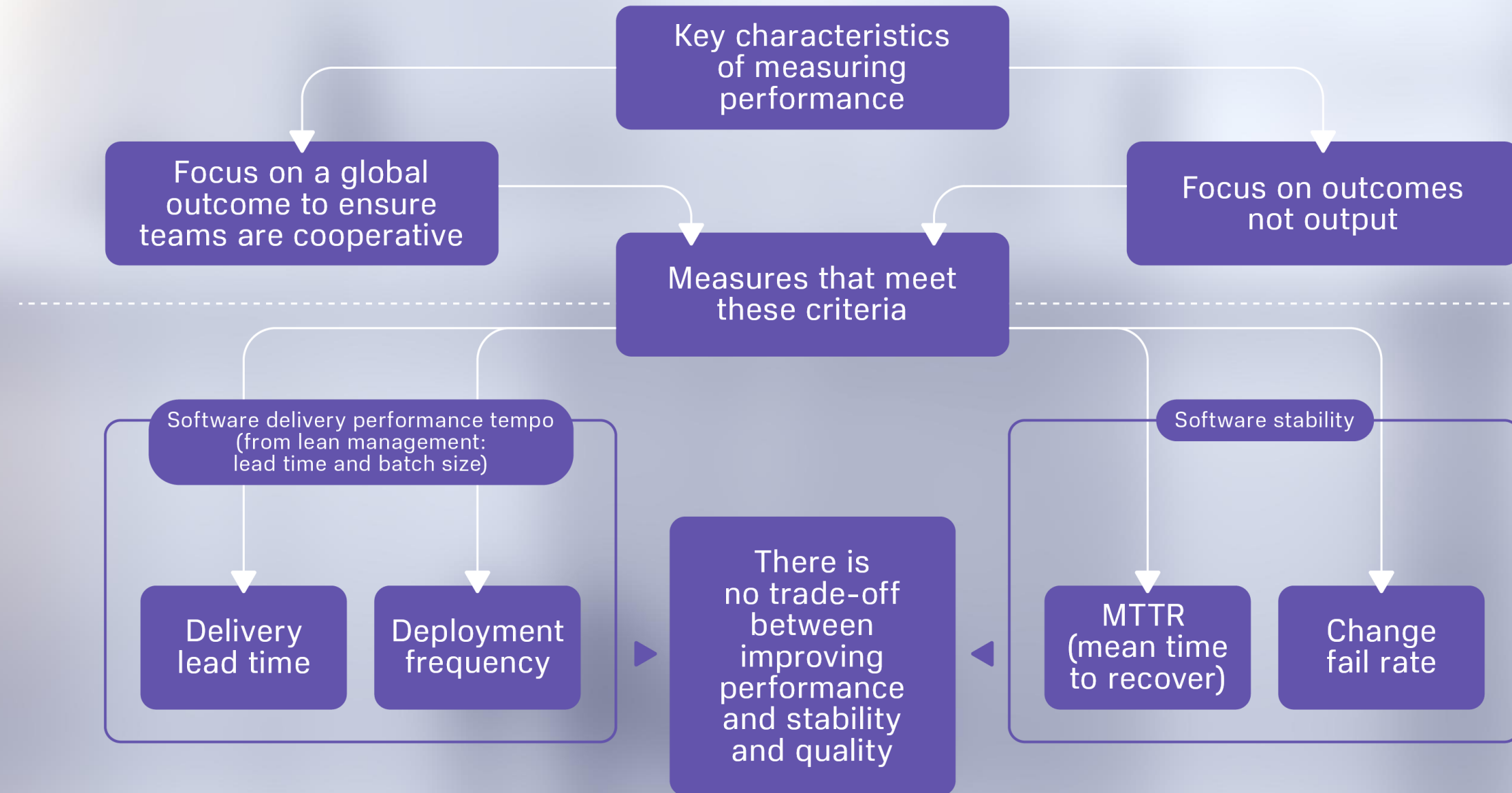
ИСТОРИЯ ACCELERATE



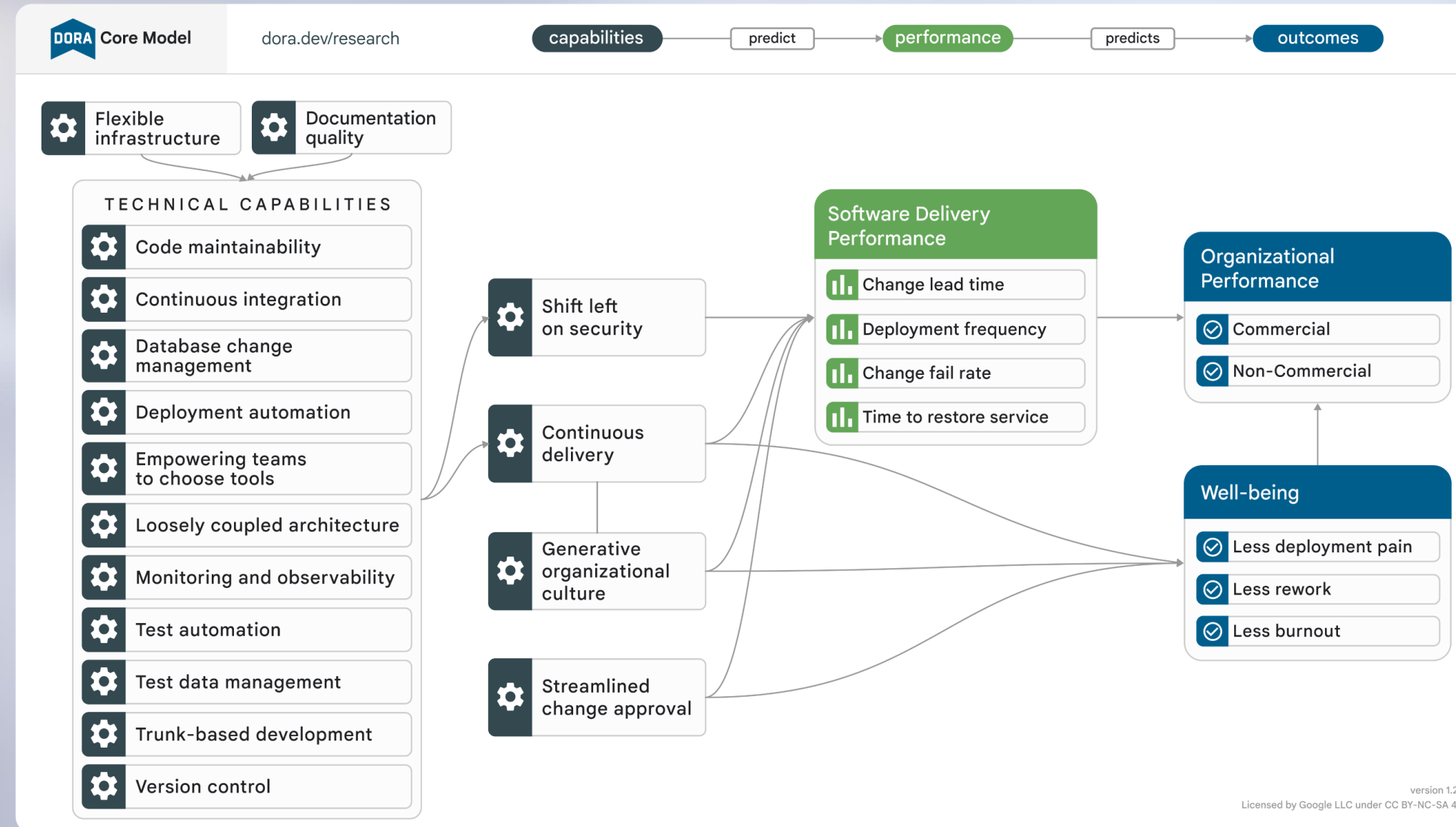
THE FLAWS IN PREVIOUS ATTEMPTS TO MEASURE PERFORMANCE



MEASURES OF DELIVERY PERFORMANCE



DORA CORE MODEL 2024





SPACE

A FRAMEWORK FOR UNDERSTANDING DEVELOPER PRODUCTIVITY



From whitepaper "The SPACE of Developer Productivity"

SPACE

A Framework for Understanding
Developer Productivity

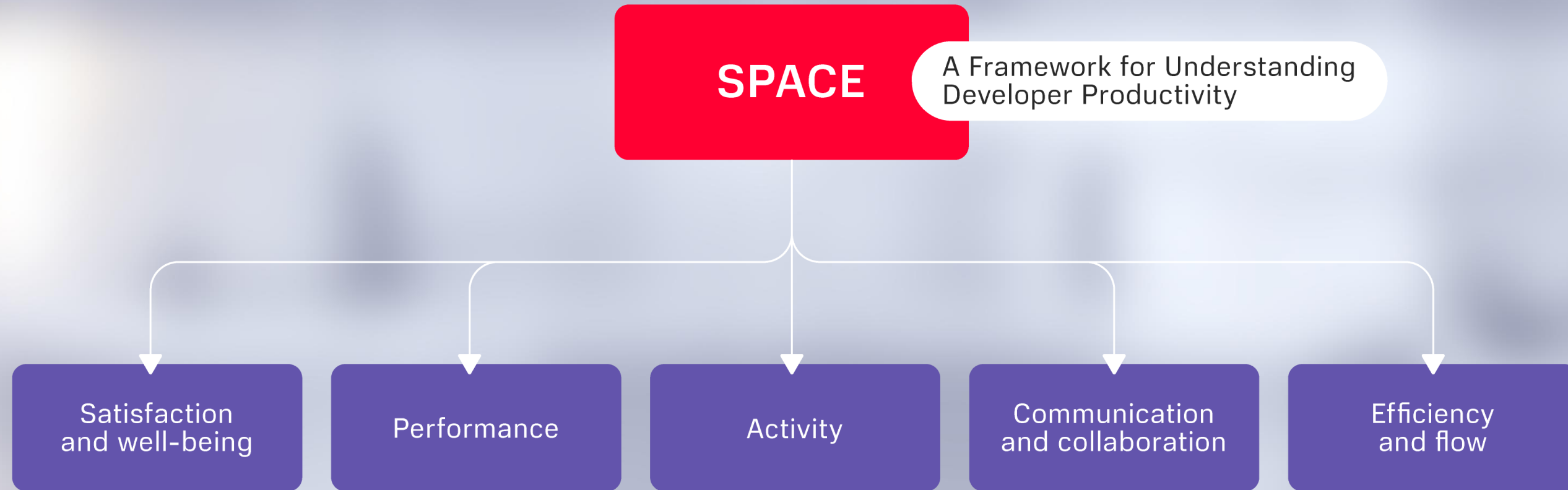
Satisfaction
and well-being

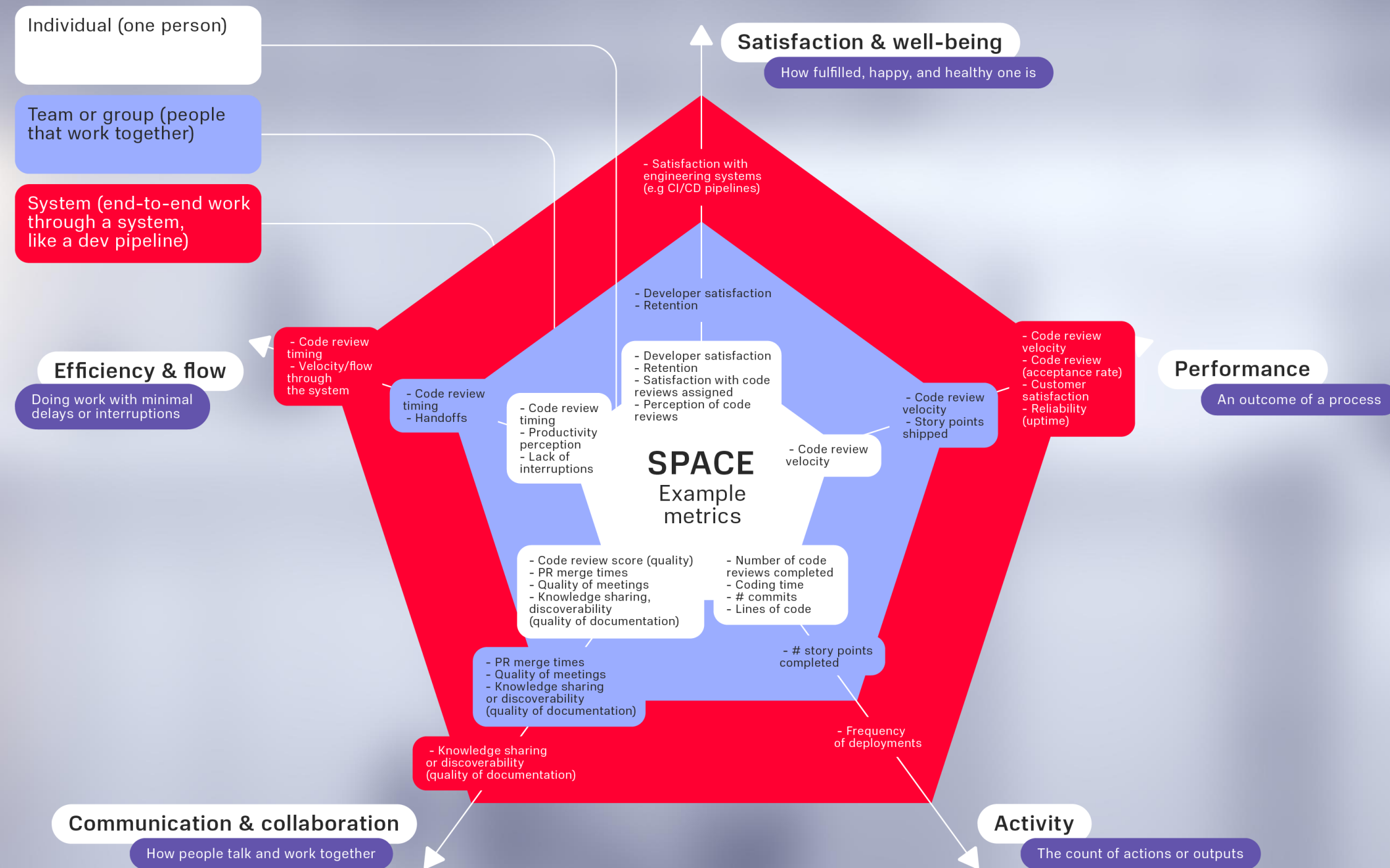
Performance

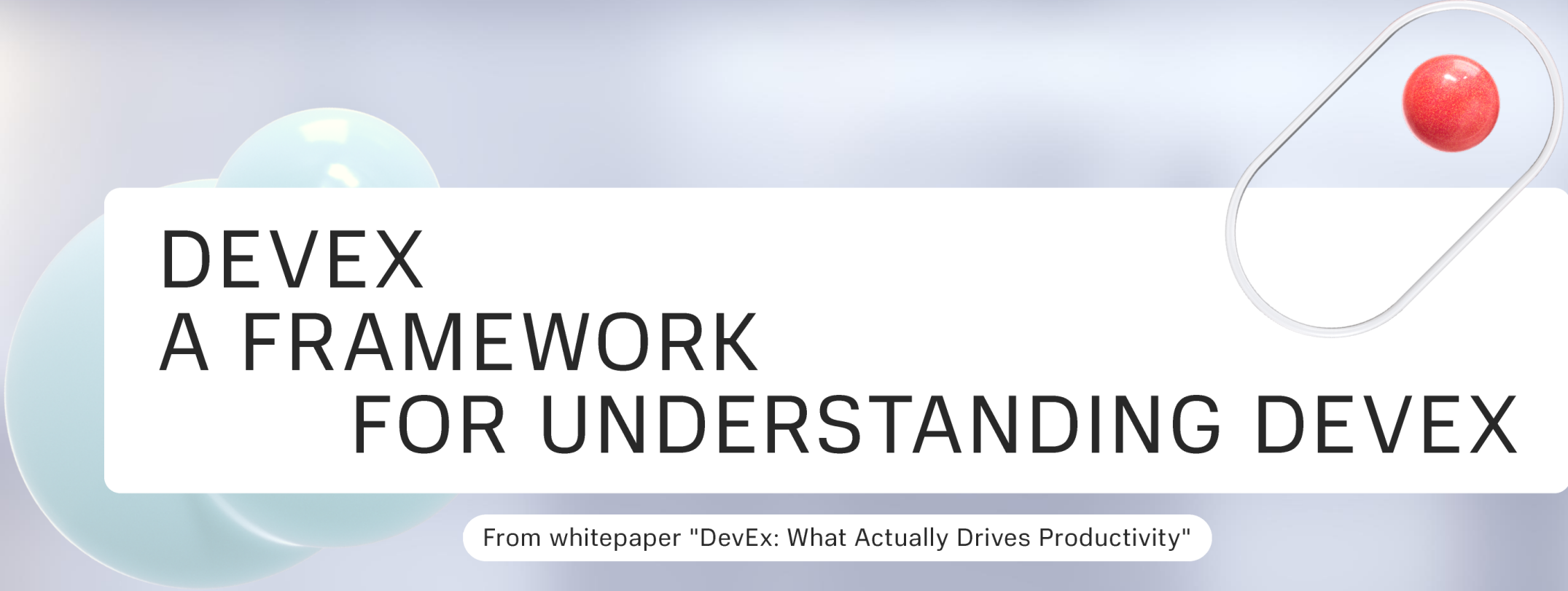
Activity

Communication
and collaboration

Efficiency
and flow







DEVEX A FRAMEWORK FOR UNDERSTANDING DEVEX

From whitepaper "DevEx: What Actually Drives Productivity"

THREE CORE DIMENSIONS OF DEVELOPER EXPERIENCE

DevEx

1

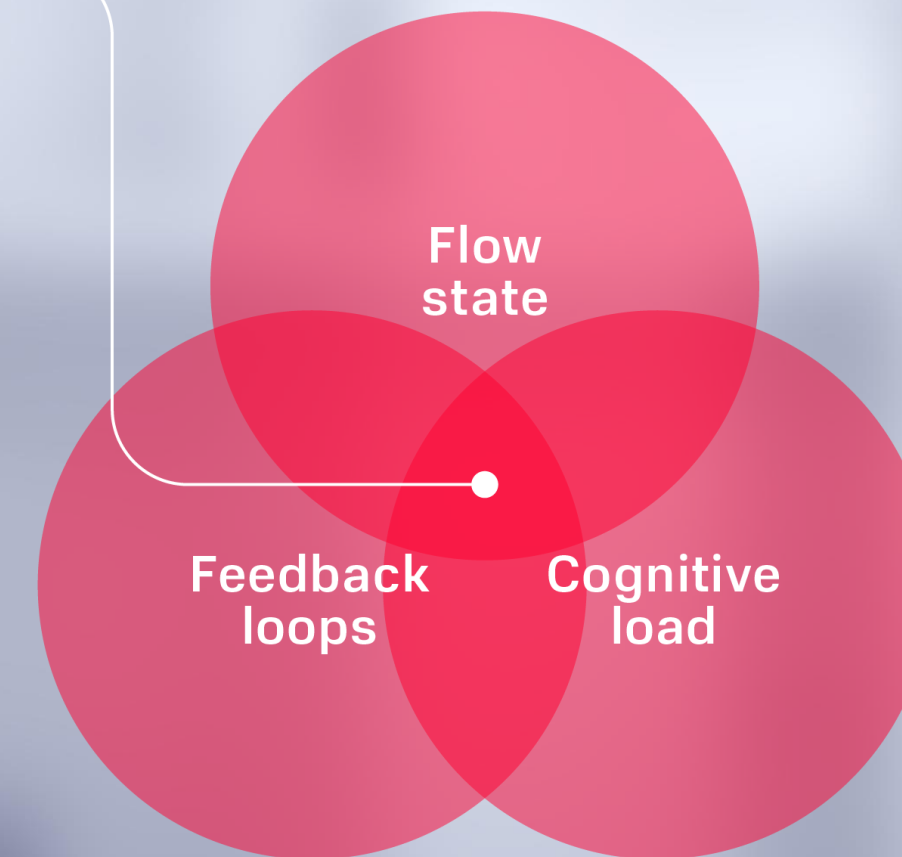
Software organizations commonly look for ways to optimize their value stream by reducing or eliminating delays in software delivery. Shortening feedback loops—the speed and quality of responses to actions performed—is equally important to improving DevEx.

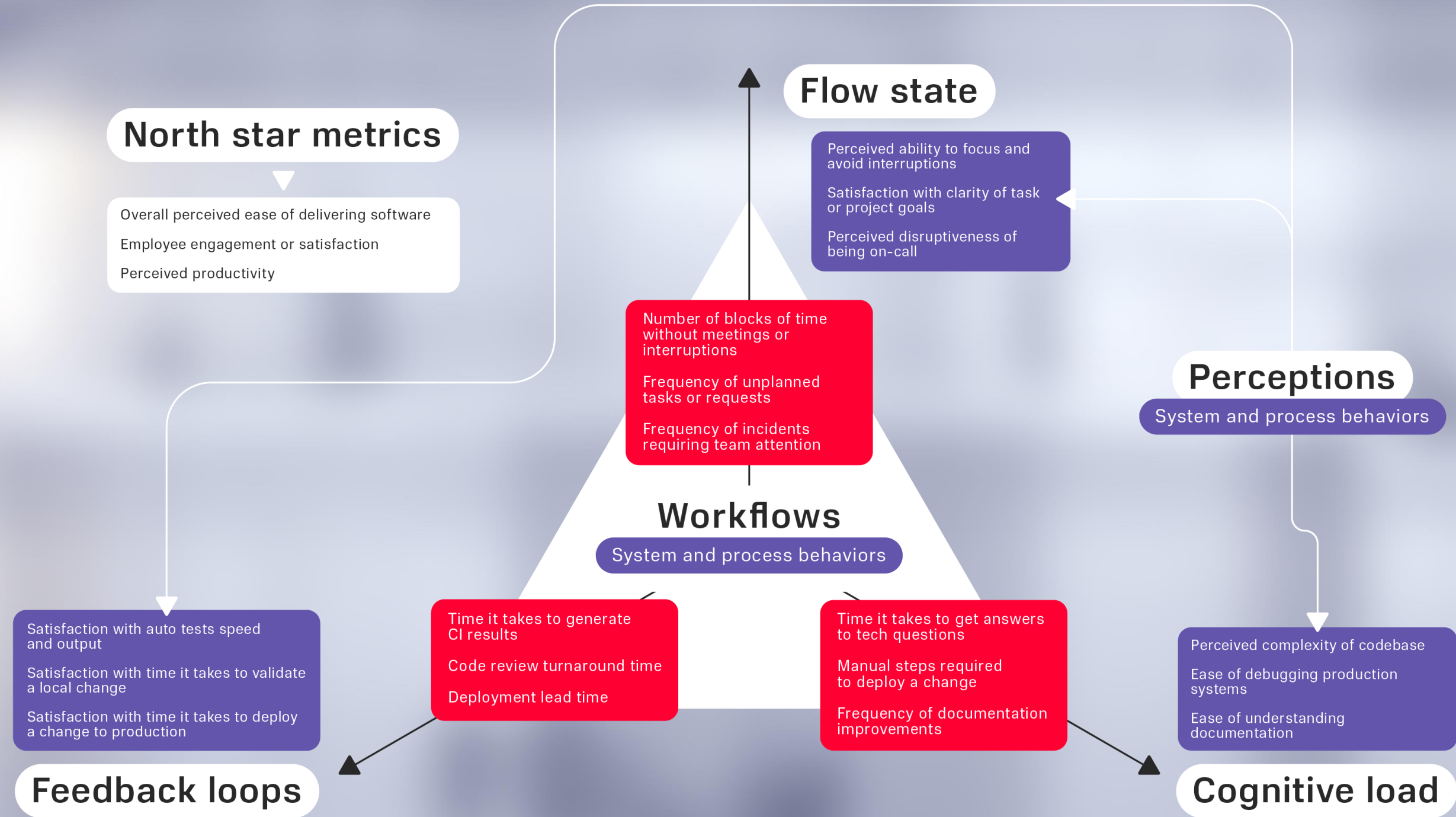
2

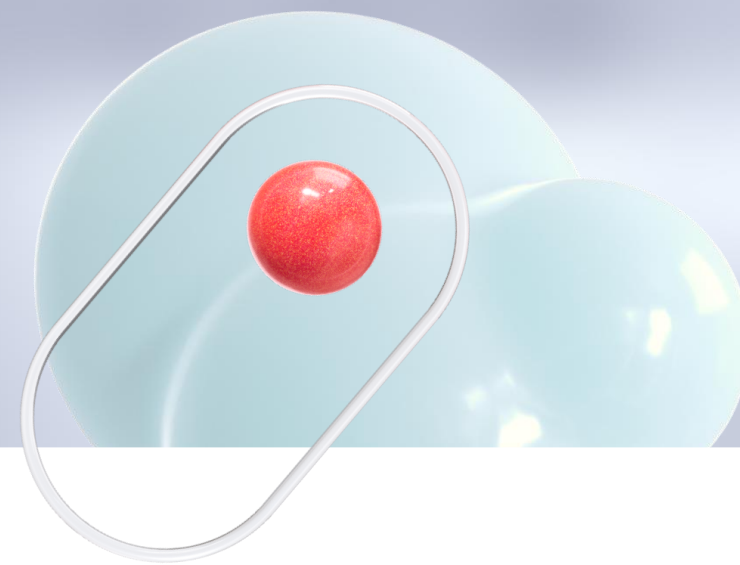
Software development is inherently complex, and the ever-growing number of tools and technologies is further adding to the cognitive load faced by developers. Cognitive load encompasses the amount of mental processing required for a developer to perform a task.

3

Developers often speak of "getting into the flow" or "being in the zone." Such statements colloquially describe the concept of flow state, a mental state in which a person performing an activity is fully immersed in a feeling of energized focus, full involvement, and enjoyment.



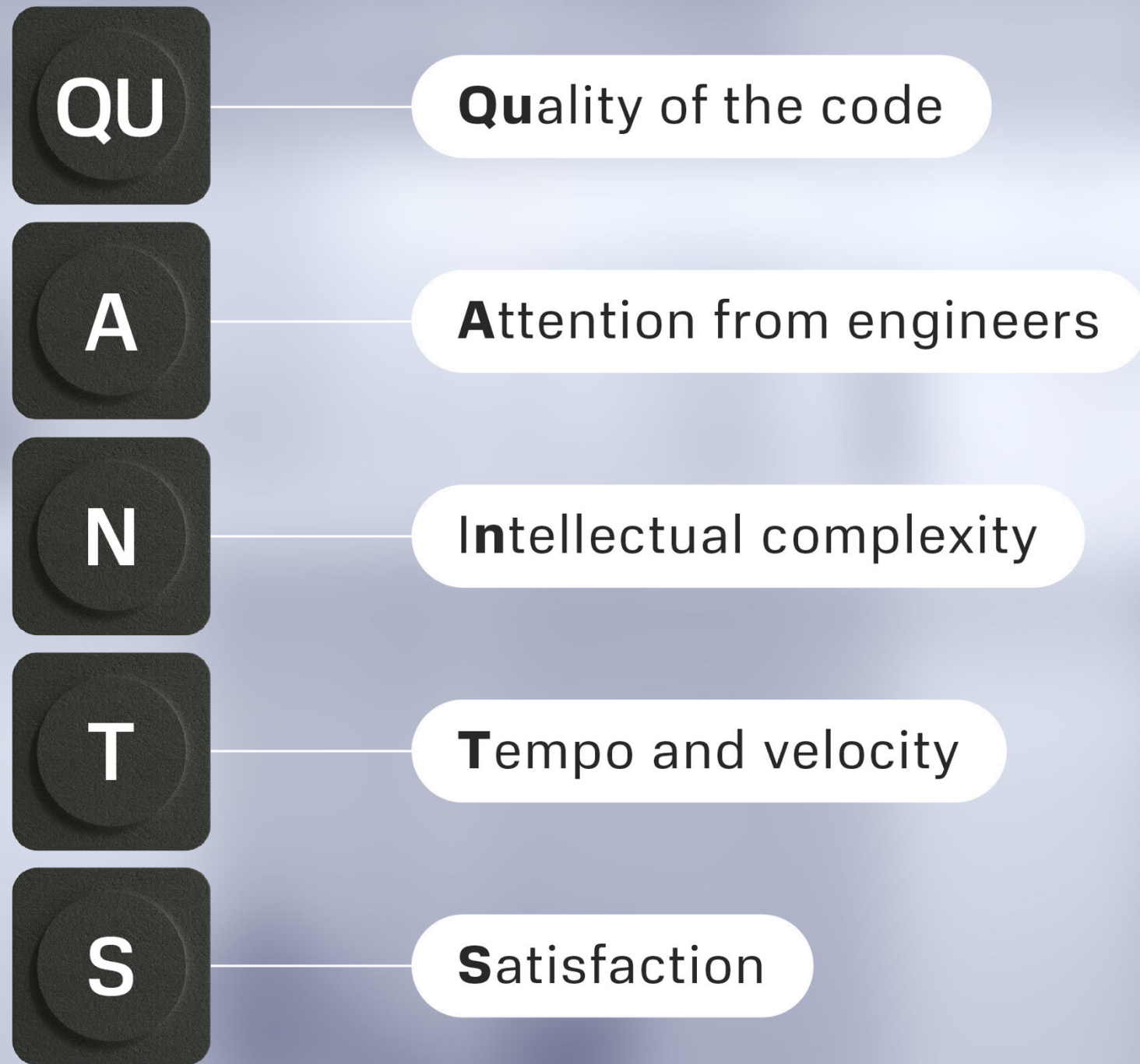




QUANTS FRAMEWORK AT GOOGLE



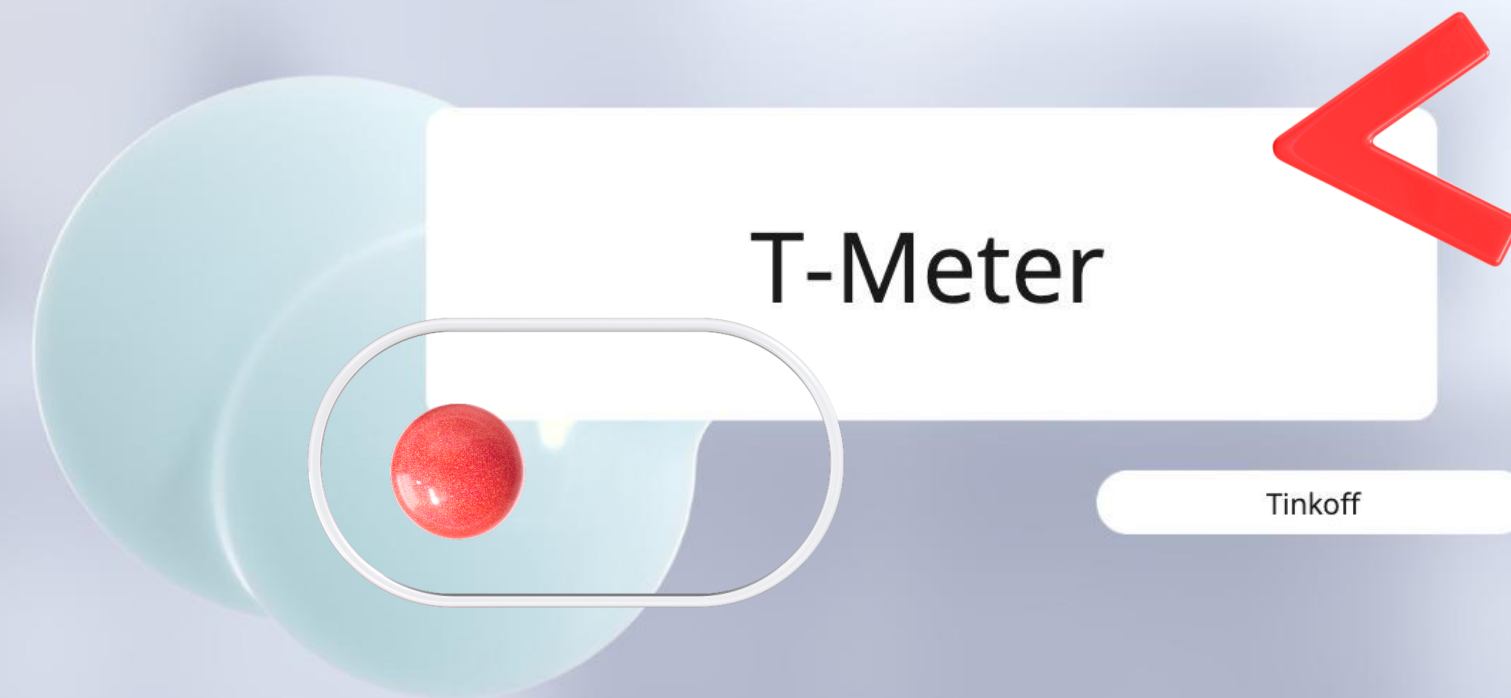
From book "Software Engineering at Goggle"



КАКИЕ ПЛАТФОРМЫ ДЛЯ
ИЗМЕРЕНИЯ DEVELOPER PRODUCTIVITY
ЕСТЬ НА РЫНКЕ?

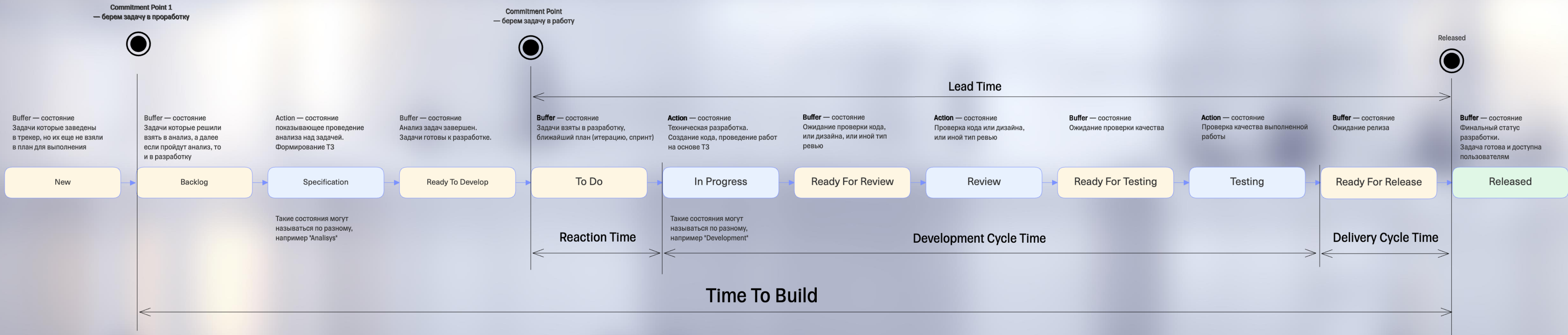




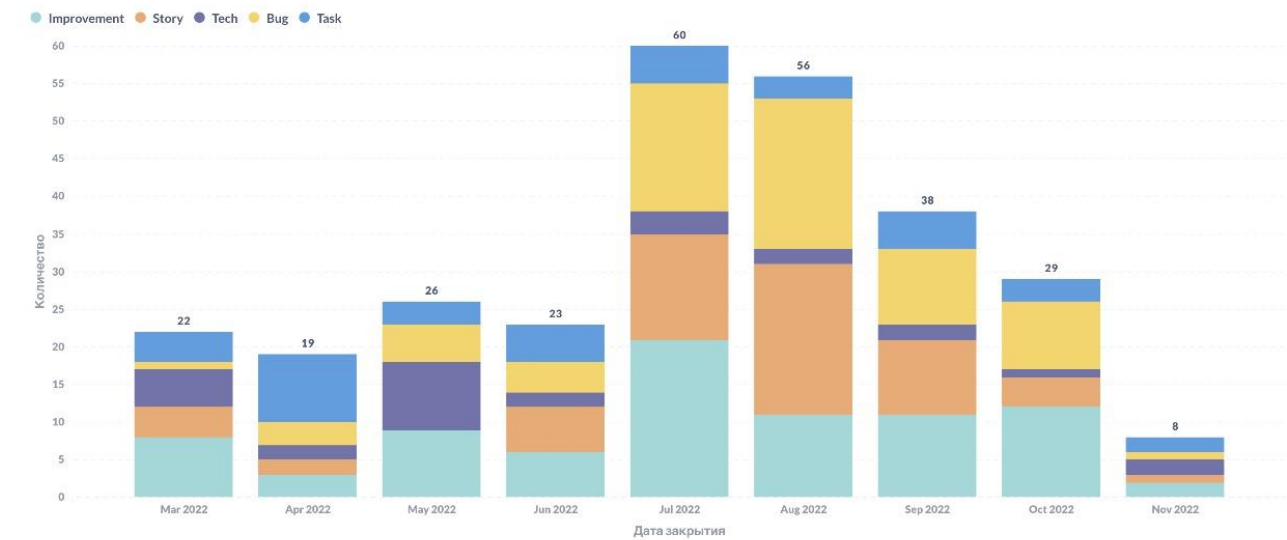


T-Meter

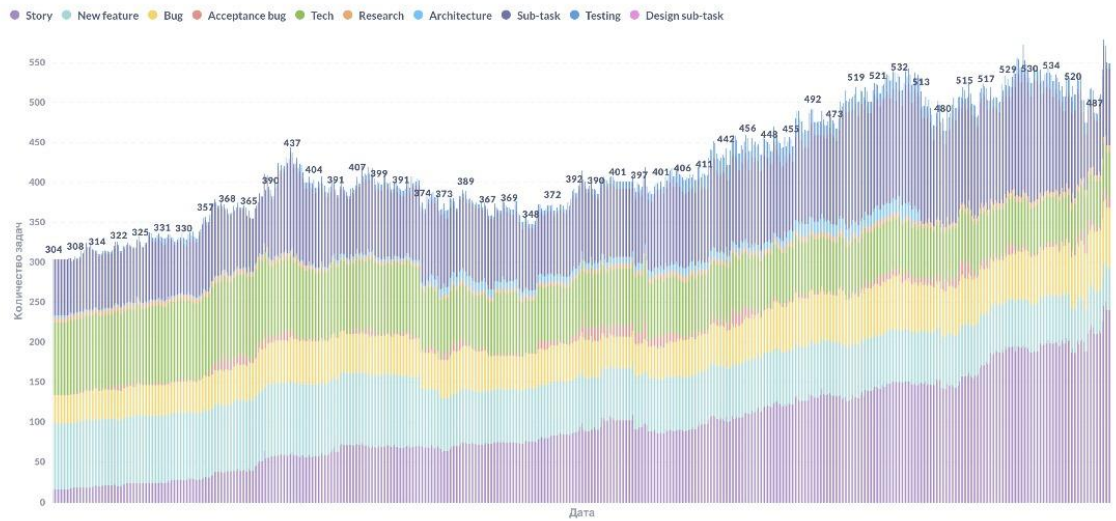
Tinkoff



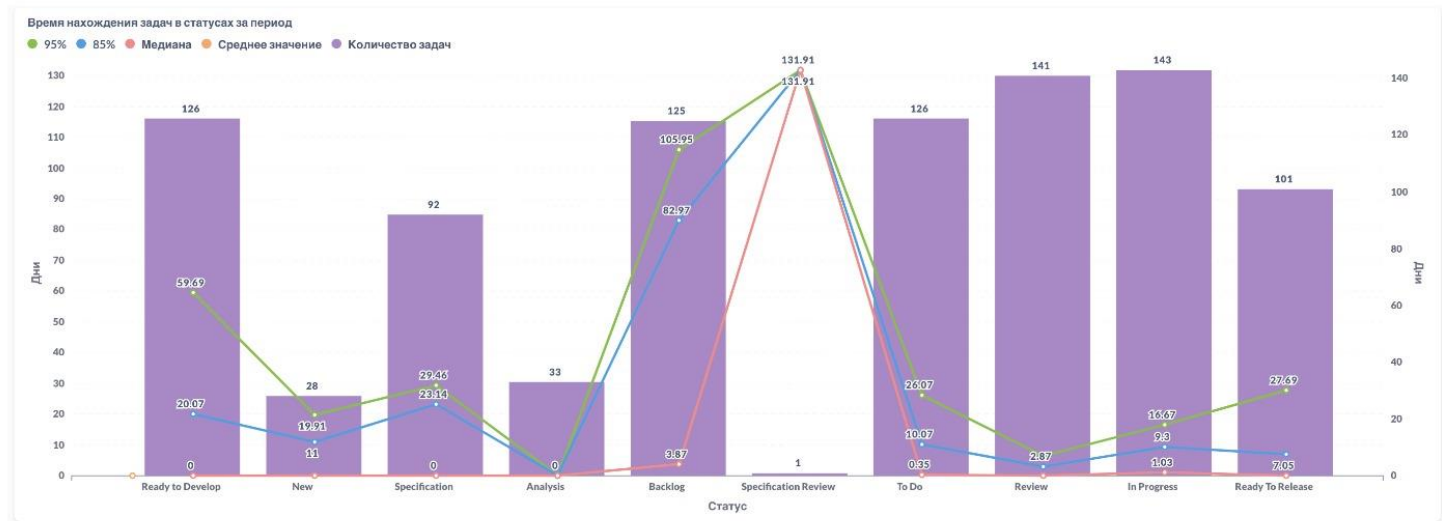
Delivery rate



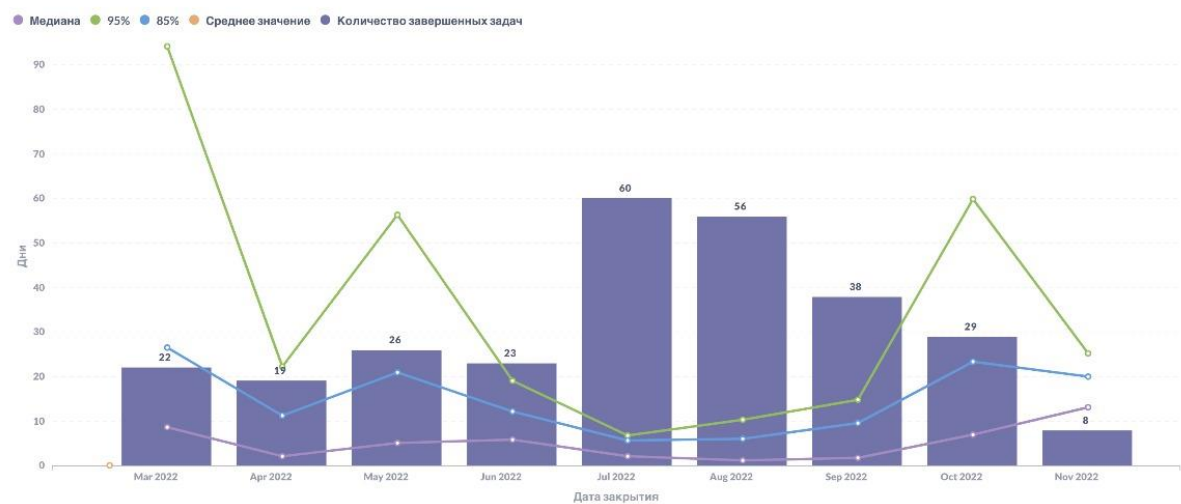
Динамика изменения бэклога



Время нахождения задач в статусах за период с показателем количества задач



Development Cycle Time



"Когда мера становится целью, она перестаёт быть хорошей мерой" — закон Гудхарта

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Пользовательский ▾

Бизнес-ревью

Группы ▾

2023-10-27 - 2024-03-26

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Название		Время доставки (Lead Time, 85%)	Текущий Backlog	Delivery Rate	Backlog / Delivery Rate	WIP / Delivery Rate	Предсказуемость (LT 85/50)	Acceptance Bug / Delivery Rate	Баланс групп по количеству WIP
Управление маркетинговых технологий									
Team #1		34.32	178	36.83	4.83	1.61	4.31		
Team #2		182.11	8	21.5	0.37	2.14	9.38	14	
Team #3		36.97	99	44.17	2.24	1.8	5.16	10	
Team #4		23.12	0	13.4	0	2.03	2.96		
Team #5		75.34	123	40.33	3.05	1.77	3.11	1	
Team #6		43.94	41	52.75	0.78	1.09	4.62		
Team #7		48.93	181	83.17	2.18	1.64	2.62	1	
Team #8		13.22	26	21.83	1.19	2.69	1.88		
...									