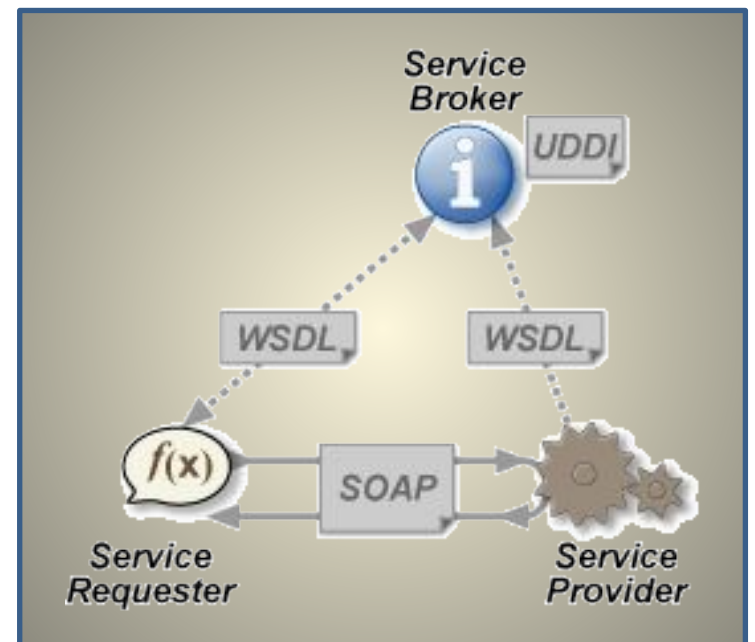
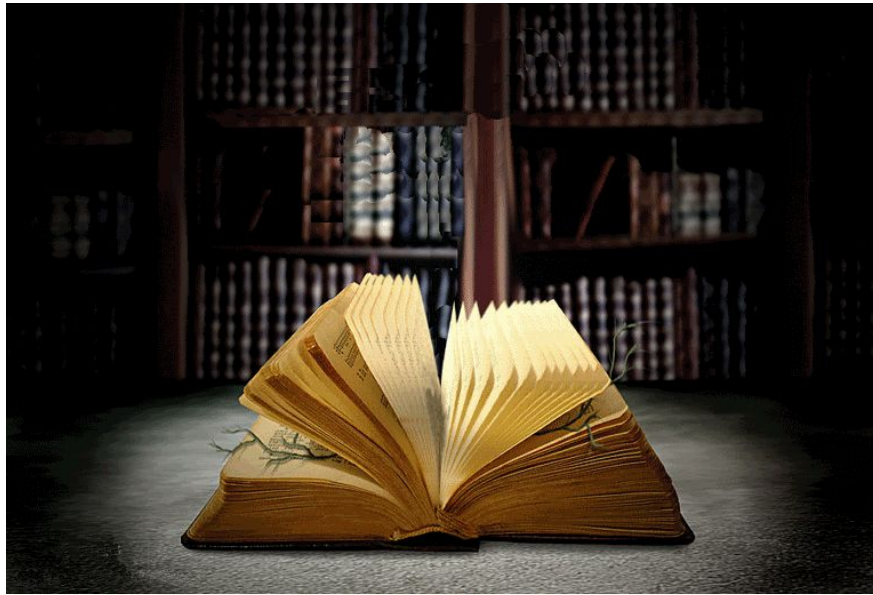
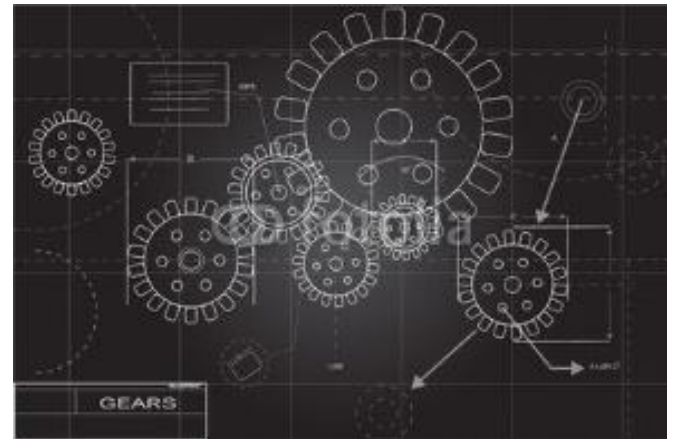
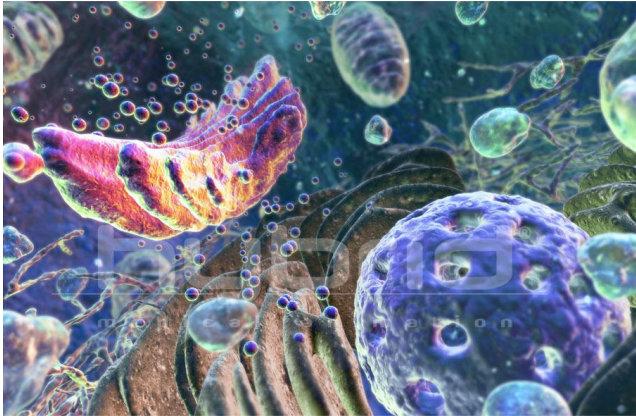

Service-Oriented Architecture

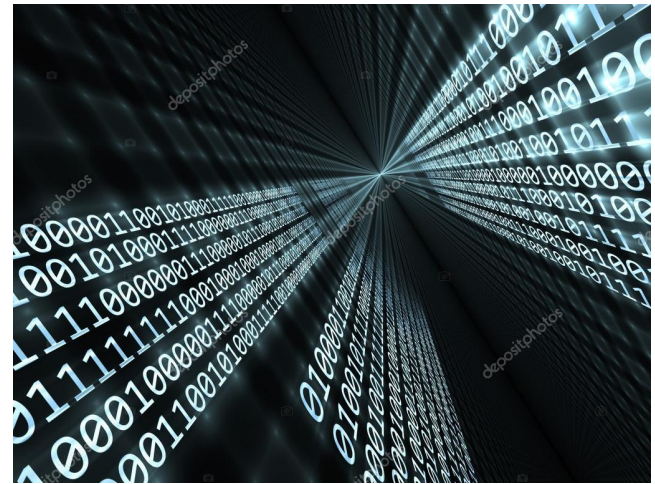
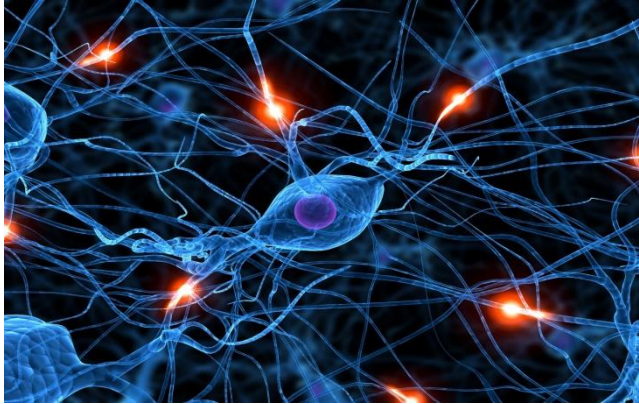




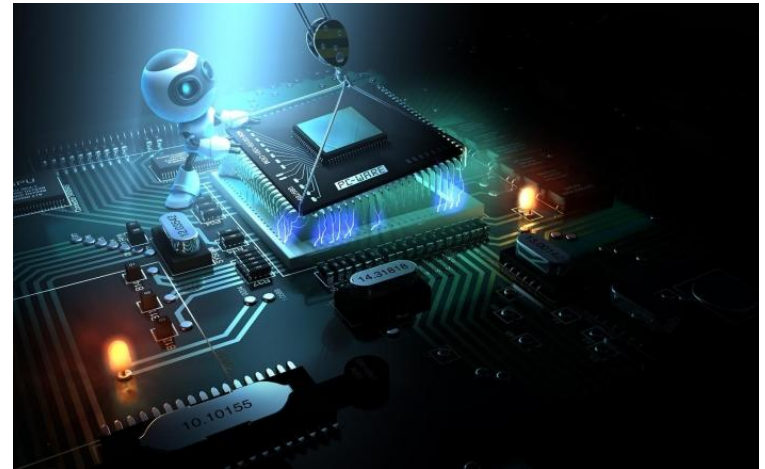








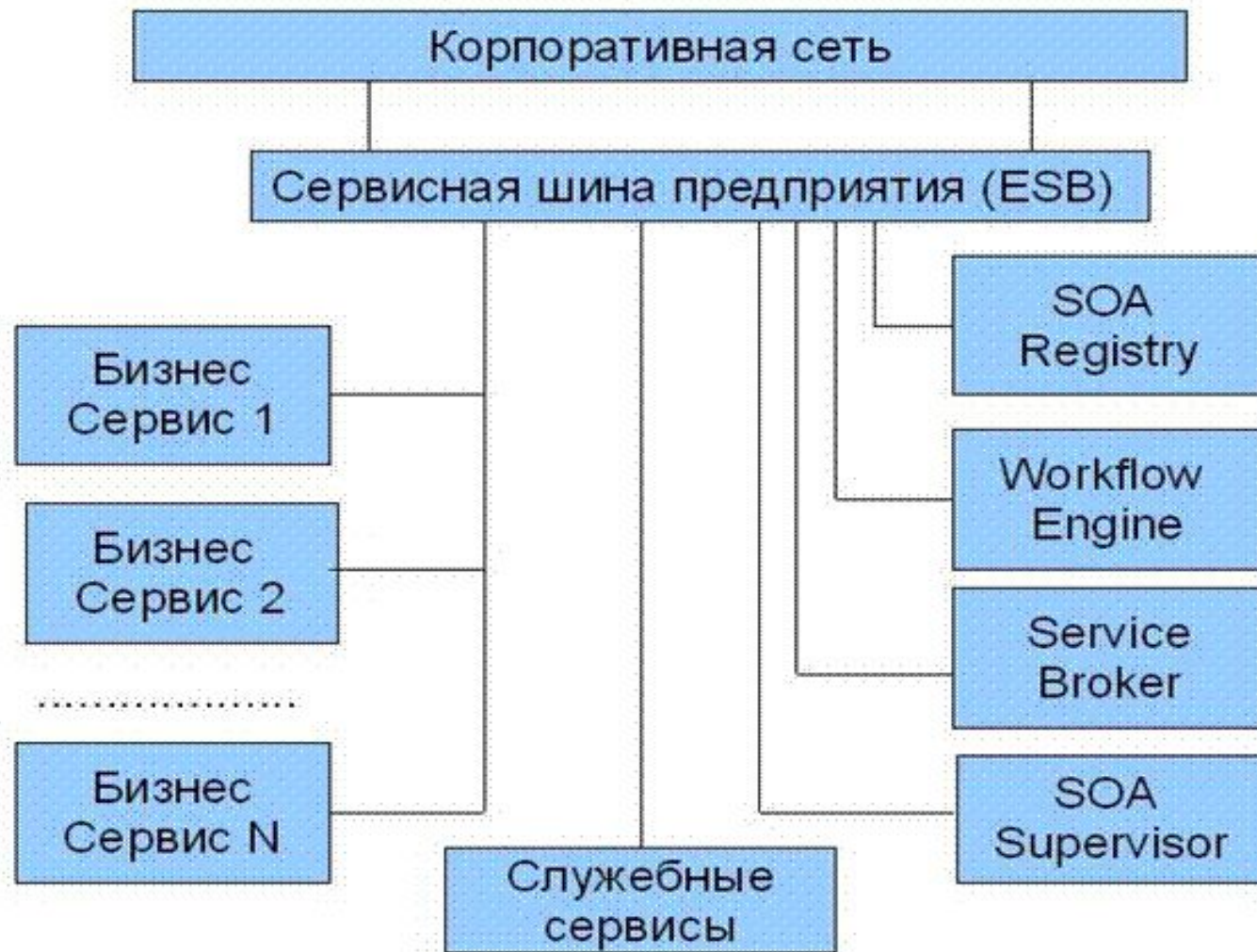


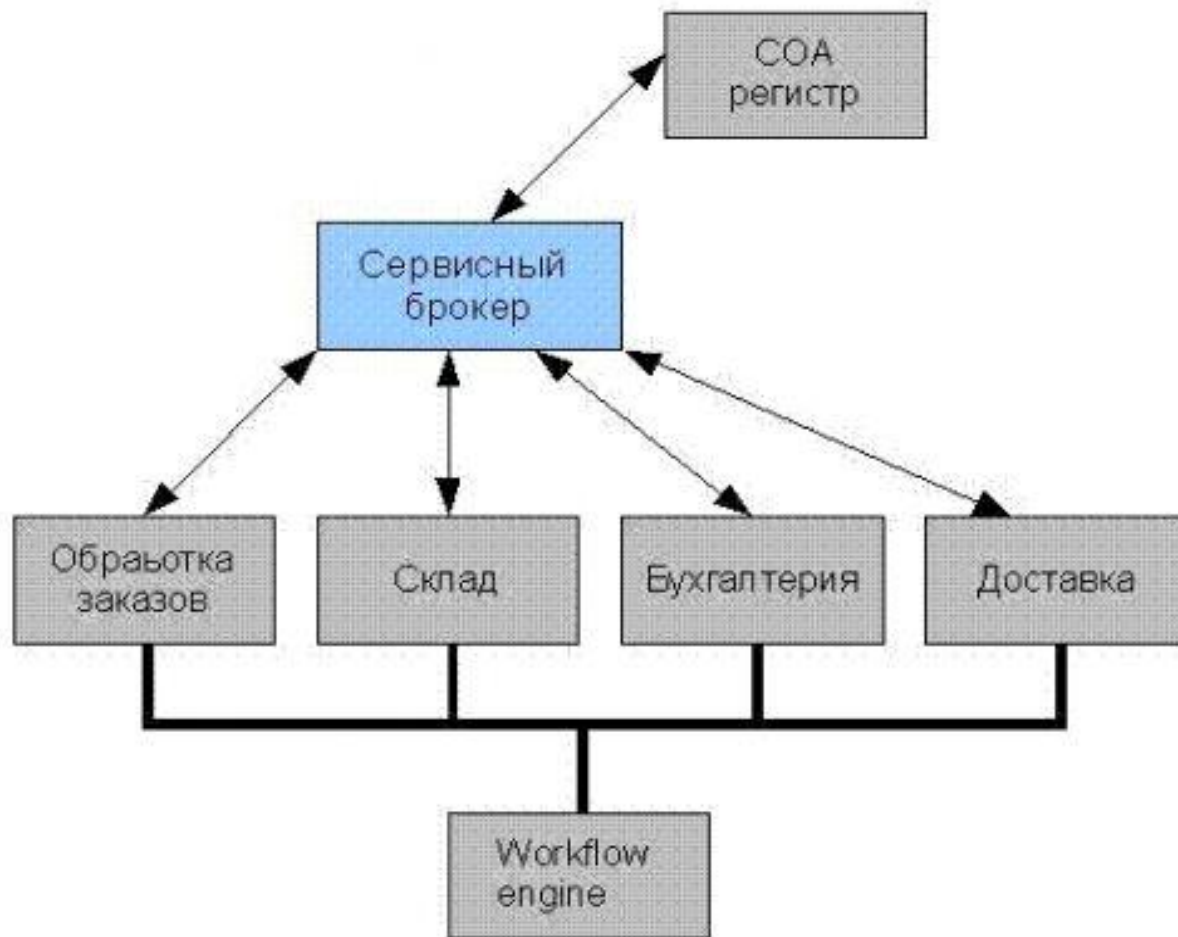












Microservices

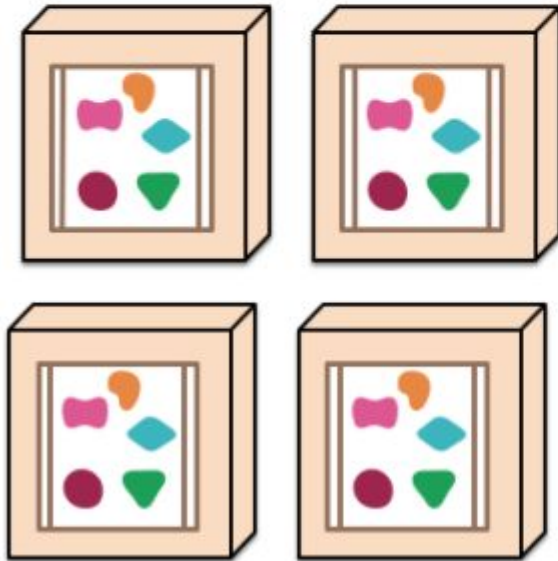
«Microservices are small, autonomous services that work together»

Sam Newman

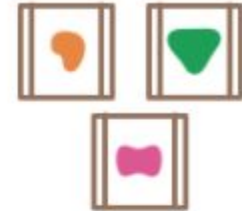
A monolithic application puts all its functionality into a single process...



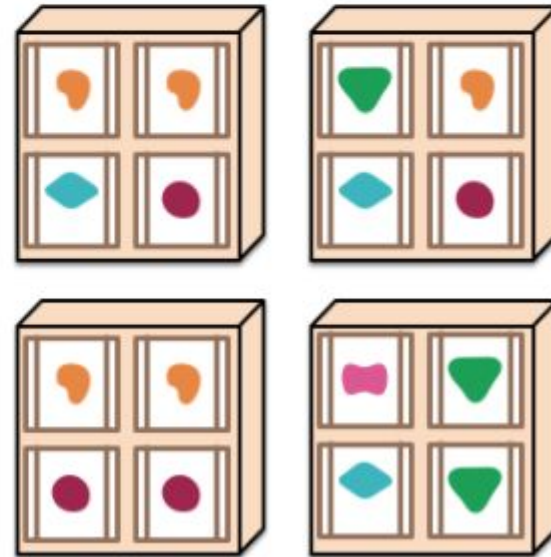
... and scales by replicating the monolith on multiple servers



A microservices architecture puts each element of functionality into a separate service...



... and scales by distributing these services across servers, replicating as needed.



Масштабируемость

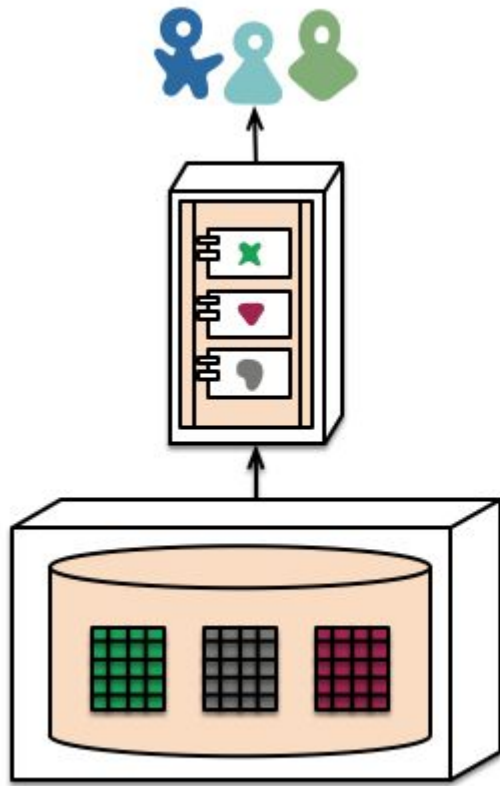


Устойчивость

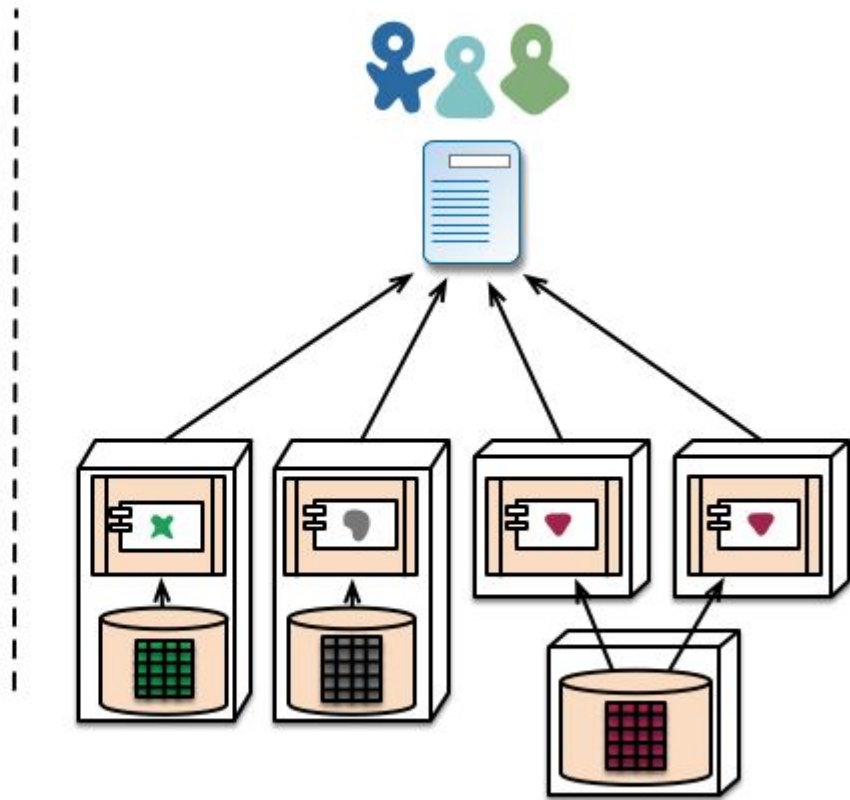


Гибкость

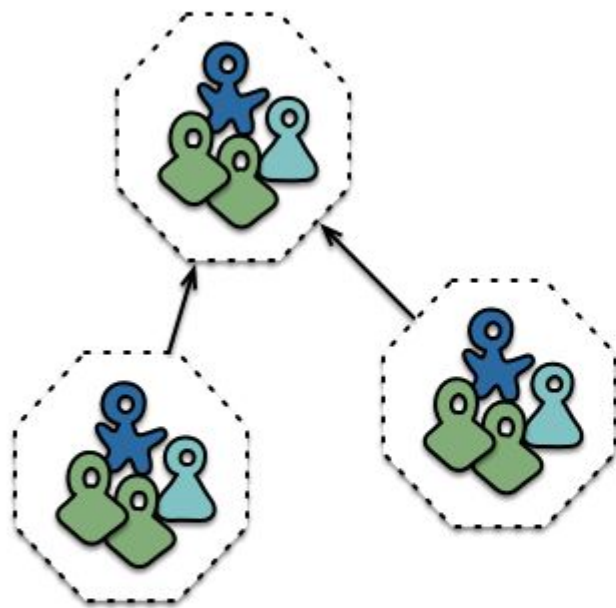




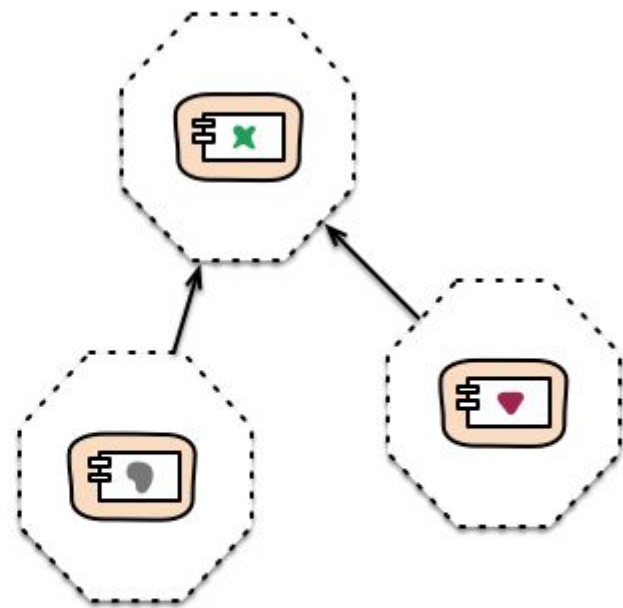
monolith - single database



microservices - application databases



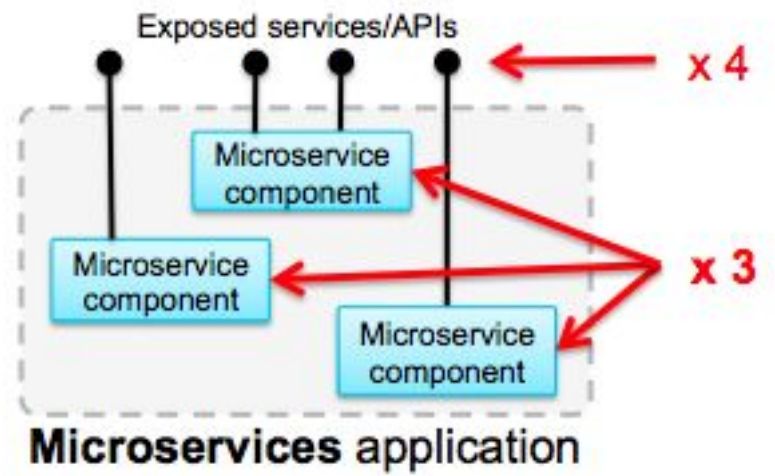
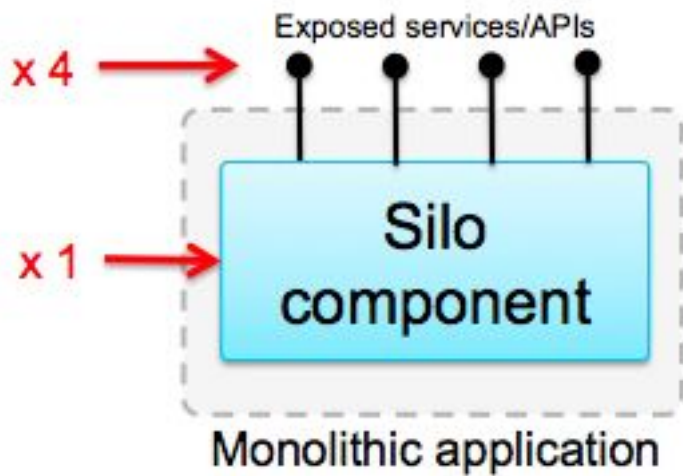
Cross-functional teams...

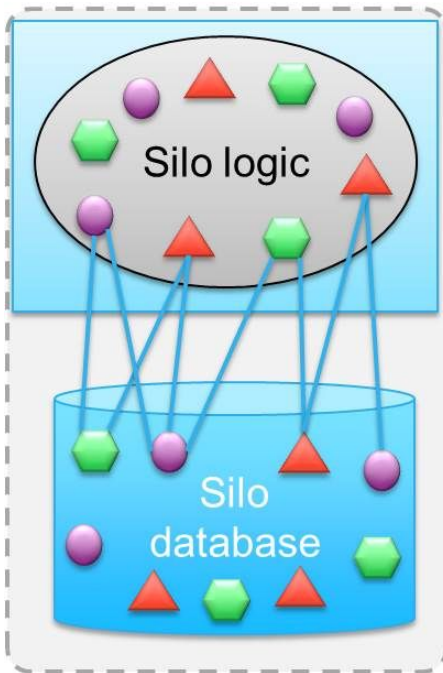


... organised around capabilities
Because Conway's Law

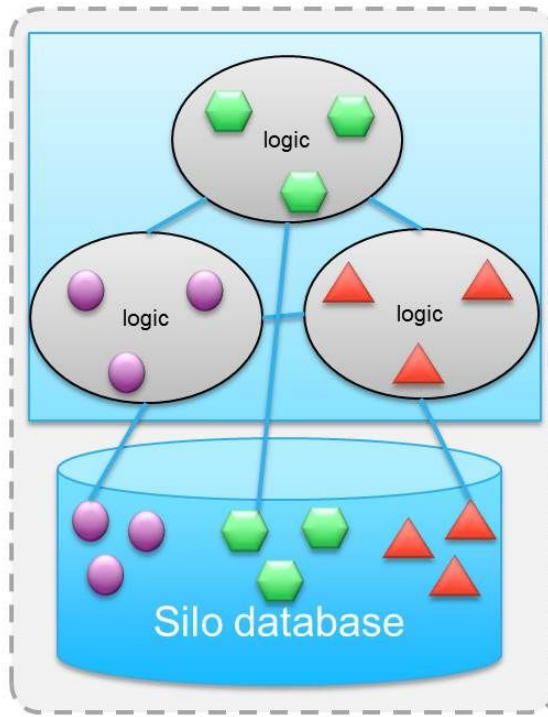
«Вы разработали, вам и поддерживать»



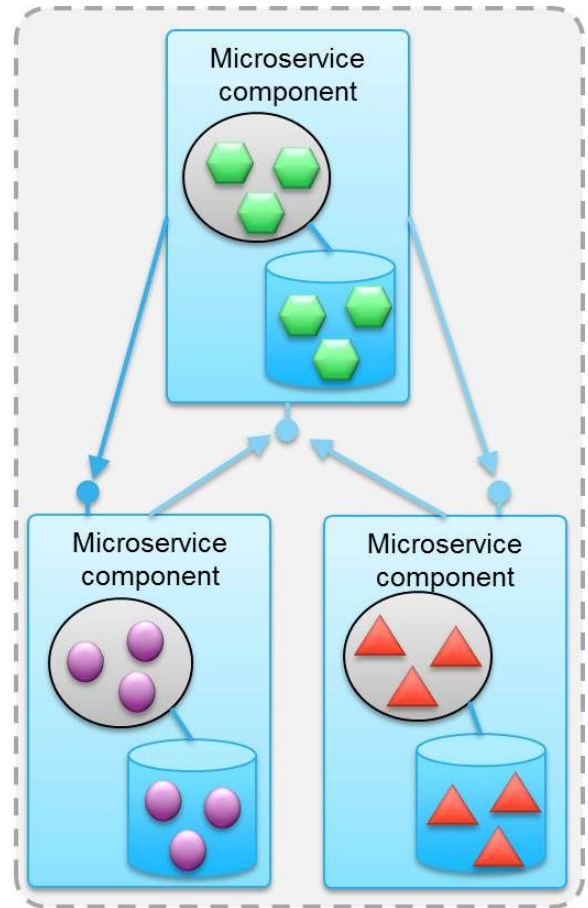




Monolithic application



Internally componentized application

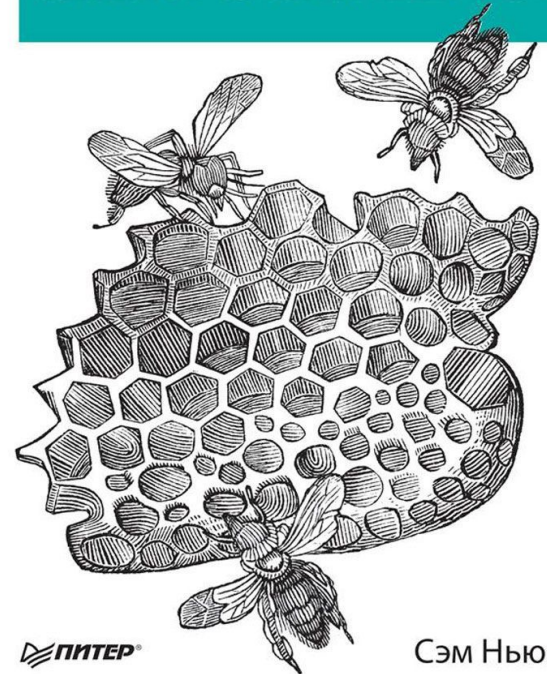


Microservices application

С. Ньюмен «Создание микросервисов»

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{ REST }

