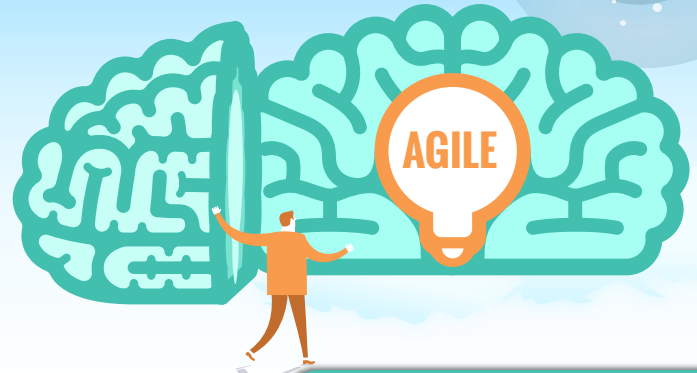


THE MOST WELLKNOWN

AGILE METHODS & APPROACHES



ASD

(Adaptive Software Development)

Iterative development process (Highsmith, 2000)



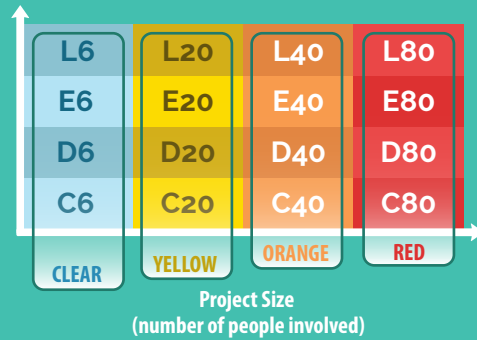
Crystal

Iterative development method (Cockburn, 2001)



Criticality (defects cause loss of...)

Life (L)
Essential Money (E)
Discretionary money (D)
Comfort (C)



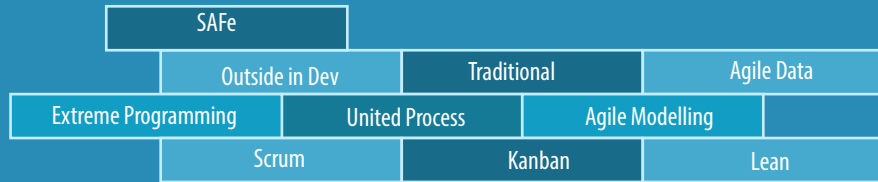
DAD

(Disciplined Agile Delivery)

An enterprise-wide scalable process framework described as 'a process decision' framework that is a people-first, learning-oriented hybrid agile approach to IT solution delivery, that has 'a risk-value delivery lifecycle, is goal-driven, is enterprise aware and is scalable.'

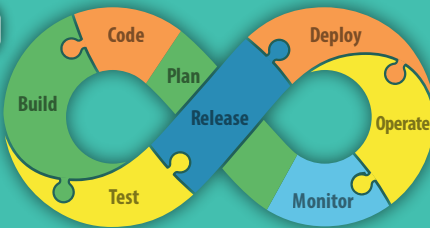


DAD is a hybrid framework



DevOps

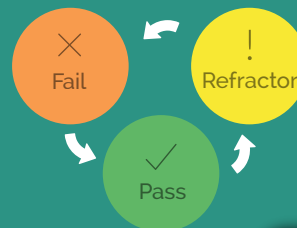
A collaborative approach between development and operations aimed at creating a product or service where the two types work and even the teams merge as much as possible.



TDD

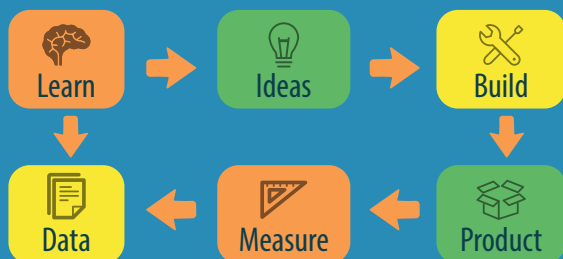
Test Driven Development

https://en.wikipedia.org/wiki/Test-driven_development



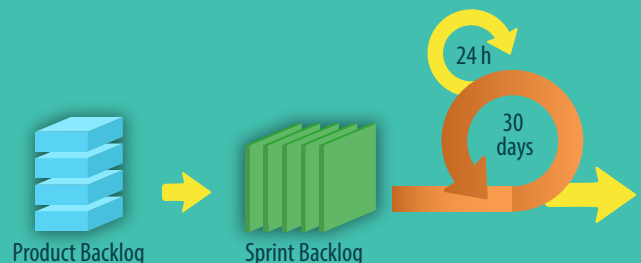
Lean Startup

Originally an approach to creating and managing start-up companies, but now applied to any business, to help them deliver products to customers quickly.



Scrum

An iterative timeboxed approach to product delivery that is described as 'framework within which people can address complex adaptive problems, while productively and creatively delivering products of the highest possible value.'

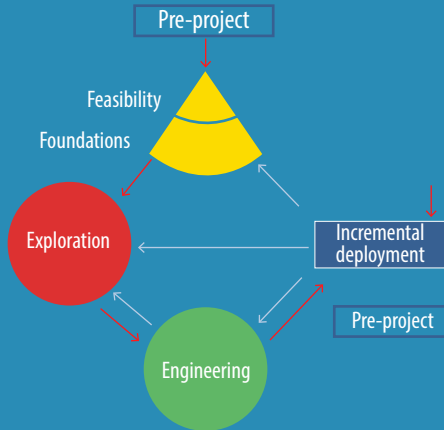


DSDM

(Dynamic Systems Development Method)/AgilePM

An agile project framework that focuses on the iterative delivery of business systems through the use of timeboxing and continual business involvement. It has a defined process and corresponding set of products, as set of roles that operate at all levels of a project, eight guiding principles and a collection of key techniques that can be used throughout project.

Project Phases in DSDM Atern



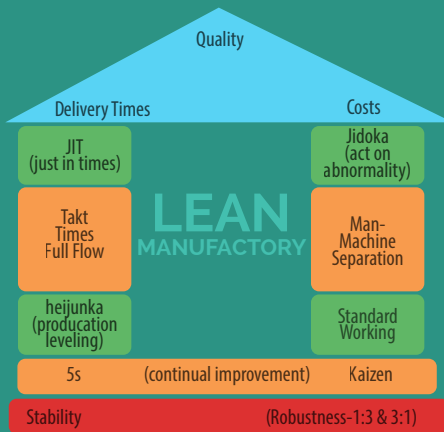
Kanban

A way to improve flow and provoke system improvement through visualization and controlling work in progress.



Lean

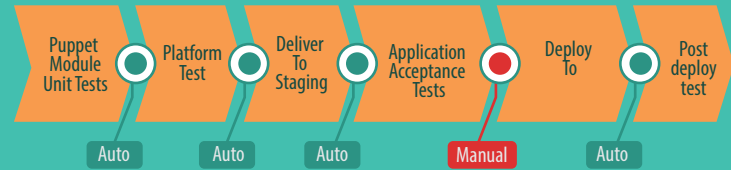
An approach that focuses on improving processes by maximizing value through elimination waste (such as wasted time and effort)



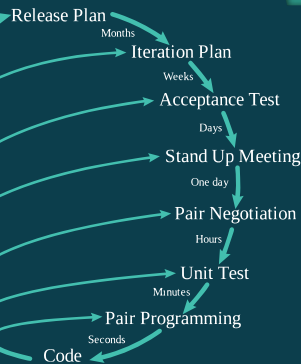
Continuous Delivery (CD)

Continuous Delivery doesn't mean every change is deployed to production ASAP. It means every change is proven to be deployable at any time

https://en.wikipedia.org/wiki/Continuous_delivery



Planning/Feedback Loops



XP

(eXtreme Programming)

Iterative software engineering practice that can be used on its own but often exists in tandem with Scrum or Kanban, where XP covers the creation of the software and Scrum or Kanban is used as an overarching framework to control the work

SAFe

(Scaled Agile Framework)

Large-scale application of agile across across an organization. PRINCE2 and PRINCE2 Agile could be used in SAFe where a piece of work is of a sufficient size or level of difficulty that it should be run as a project.

Holocracy

by Brian Robertson; 2007
<http://www.holacracy.org>
<https://en.wikipedia.org/wiki/Holacracy>

The Mikado Method

<http://www.amazon.com/Mikado-Method-Ola-Ellnesta-m/dp/1617291218>

Theory of Constraints

by Brian Robertson; 2007
https://en.wikipedia.org/wiki/Theory_of_constraints

Radical Management

by Steve Denning
https://en.wikipedia.org/wiki/Steve_Denning

JAD

Joint Application Development by Chuck Morris, Tony Crawford late 1970s

