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Assignment 1.1 The History of DevOps

The history of DevOps is said to be simple, but revolutionary. The concept came from a discussion two people had in 2008. These two people were Andrew Clay and Patrick Dobois. They were discussing their worry about Agile and it’s drawbacks, and were prepared to come up with something much better. Their idea spread after the DevOpsDays was held in Belgium in 2009, and from there created quite a buzzword.

DevOps delivers on agile’s promise, this is know as the Agile Manifesto. This is a document that has 4 key values and 12 principles that software developers may use to guide their work. The values and principles are as followed:

**Four values of Agile**

* individuals and interactions over processes and tools;
* working software over comprehensive documentation;
* customer collaboration over contract negotiation; and
* responding to change over following a plan.

**The 12 principles**

1. Satisfying customers through early and [continuous delivery](https://searchitoperations.techtarget.com/definition/continuous-delivery-CD) of valuable work.
2. Breaking big work down into smaller tasks that can be completed quickly.
3. Recognizing that the best work emerges from self-organized teams.
4. Providing motivated individuals with the environment and support they need and trusting them to get the job done.
5. Creating processes that promote sustainable efforts.
6. Maintaining a constant pace for completed work.
7. Welcoming changing requirements, even late in a project.
8. Assembling the project team and business owners on a daily basis throughout the project.
9. Having the team reflect at regular intervals on how to become more effective, then tuning and adjusting behavior accordingly.
10. Measuring progress by the amount of completed work.
11. Continually seeking excellence.
12. Harnessing change for a competitive advantage.

The Agile Manifesto was produced by a group of 17 developers in February 2001. The group was known as the Agile Alliance. These developers were on the search to find a balance between existing ways of development and a new alternative. Based on the agile principles, DevOps has certain principles and practices. The goal list is as followed:

* Bring Value to customer
* Deliver working software
* Support changes
* Collaborate
* Motivate the team and give freedom to the team members
* Deliver faster and quicker

It is said that DevOps will continue to boom. It is here to say for the foreseeable future, that is until someone comes up with a ne methodology or technology comes along and disrupts the space. DevOps is maturing and evolving into something more.

References:

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