As you know I am working at eleks as DevOps engineer.

When somebody ask me what do you do, I say that I work in IT. After that people often ask “Are you developer or quality engineer?” (many people, who are not connected with IT don't know other IT professions) and my answer is “no, I am DevOps engineer. And it is hard to explain what it is.

The problem is that not everyone, who work in IT realize what it is mean. So now I will try to explain who or what is DevOps.

If I had to explain who is DevOps in several words, I would say that DevOps is a mix of software developer and system administrator (Development and operation). And it can be true but not completely true.

Actually DevOps isn’t a man. The term DevOps was born in 2008 At the [Agile](https://en.wikipedia.org/wiki/Agile_software_development) Toronto conference.

**DevOps is a set of practices aimed at the active interaction of development specialists and operation professionals and the mutual integration of their work processes into each other.**

The main characteristic of the DevOps movement is to strongly advocate [automation](https://en.wikipedia.org/wiki/Automation) and [monitoring](https://en.wikipedia.org/wiki/Event_monitoring) at all steps of [software construction](https://en.wikipedia.org/wiki/Software_build), from [integration](https://en.wikipedia.org/wiki/Continuous_integration), [testing](https://en.wikipedia.org/wiki/Test_automation), [releasing](https://en.wikipedia.org/wiki/Software_release_life_cycle) to deployment and [infrastructure management](https://en.wikipedia.org/wiki/Infrastructure_as_Code).

So main responsibilities of DevOps engineers is :

* Creating infrastructures for developing, testing and deploying application using special tools (CM)
* Building application from code which developers created using special tools(CI/CD)
* Working with clouds (Google, Amazon, Azure)
* Working with docker containers and orchestrators for docker containers (Kubernetes).
* Writing scripts on Bash, Python, Powershell or other script languages.
* Managing of servers where application are working.
* And automation for all these things