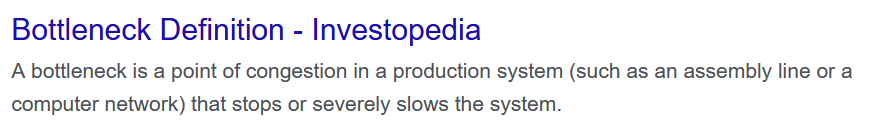
1) Who is father of Devops? Patrick Debois



2) What is Devops? > As per Patrick Debois Devops is a methodology to narrow down a problem to its bottleneck.

Link: <https://www.youtube.com/watch?v=5VqXqtL0xQI&t=10s>



3) History of Devops?

Now, let us delve into the interesting history of DevOps. Patrick Debois is often referred to as the father of DevOps. Debois wanted to learn IT from all possible perspectives. Here is a detailed DevOps history timeline about the DevOps background and how this framework came to be in a yearly order:-

1. **2007:** It all started in 2007 when he started working on a robust data centre migration where he was responsible for testing. He experienced many frustrations during the course of this project, starting from the continuous switching back and forth from the development side of the problem and the bevy of operations that waited on the other side. He realized that a large chunk of the effort and time was spent (or rather wasted) in navigating the project from development to operations. However, it wasn’t possible to bridge the significantly wide gap between the two worlds.
2. **2008:**It was in 2008 at an Agile conference conducted in Toronto, Canada, when a man named Andrew Shafer attempted to arrange a meetup session that was called “Agile Infrastructure.” Patrick was seemingly the only person who had attended this session. Andrew, after receiving a huge amount of negative feedback regarding this said that even he did not show up to his own session. However, Patrick was quite excited finally come across a like-minded person. He hunted Shafer down at the conference and talked to him in the hallway. They later went on to form a discussion group for various people who wanted to post their ideas that would help bring a relevant solution to the wide gap between development and operations.
3. **2009:** During the initial stages, not a lot came forth with their ideas with this perspective. However, things started looking up in the June of 2009, Paul Hammond and John Allspaw conducted a lecture entitled “10+ Deploys a Day: Dev and Ops Cooperation at Flickr.” Patrick ended up watching the streaming video of that presentation when he was home in Belgium. Its views highly resonated with him making him realize that this was exactly the solution he had been looking for. Motivated by this lecture, he arranged a gathering of system administrators and developers to sit together and discuss the most ideal ways to begin bridging the gap between these two heterogeneous fields. This event was named DevOpsDays, and was held during the final week of October 2009.
4. **2010**: With the significant amount of attention that this event gathered from experts in both fields, there are lively debates held over Twitter where users used the hashtag #DevOps. This was all that was needed for smaller tech enterprises to make an effort in amalgamating the DevOps practices and the tools built to help new teams that are forming. By this time, DevOps managed to acquire grassroots following where members began extensively pushing their respective ideas.
5. **2011:** It was in March 2011 when Cameron Haight of Gartner offered his predictions for DevOps to take a course in the following few years. With his positive outlook, many other members and users came and began implementing DevOps with wide ideas. Soon enough, enterprises regardless of how small or big scale they are started adopting DevOps. DevOps is one of the most internal frameworks in the workspace and were beginning to adopt these new practices. With DevOps earning more and more fame, it is a thing similar to Agile.
6. **2015**: DevOps incorporated into SAFe SAFe is rapidly gaining traction in the enterprise arena, where DevOps is adopted and scaled across.
7. **2016**: DevOps is the new norm for high-performing companies “Clearly, what was state of-the-art three years ago is just not good enough for today’s business environment.”
8. **2018**: [State of DevOps](https://www.knowledgehut.com/blog/devops/state-of-devops-report-summary) report defines 5- stage approach From level 0 to 5, a descriptive, pragmatic approach is introduced to guide teams and mature DevOps initiatives, a report sponsored by Deloitte
9. **2019**: Enterprises embed more IT functions in their teams next to ‘Dev’ and ‘Ops’ “organizations are embedding security (DevSecOps), privacy, policy, data (DataOps) and controls into their DevOps culture and processes.”

**Problems DevOps Tried to Solve?**

The primary aim of DevOps according to the DevOps library history is to maximize the efficiency, predictability, maintainability and security of operational processes. DevOps was primarily introduced to fix the inefficiencies of the Waterfall method such as:-

* lower failure rate of newly released software
* faster mean time for recovery if a new release crashes or gets disabled in the current system.
* shorter lead time in between fixes.
* Frequency of deployment

Design thinking: Understand the problem first then try to solve it.

Devops in lemon team: Devops is Wonder of science which make IT engineers life easy fast and comfortable.

1. [Bird + letter] > [Postmen + Postcard] > Mobile > Multimedia Mobile.
2. Bank[manual]> Bank[computerized]> ATM > UPI
3. Ship > flight[India to US 30 hrs]