

Cpp
North
2025

The 10x Team

Tom Sellek

Obligatory...

- C++ since ~2000, mostly Windows kernel
- Team lead since 2016 - AMD, Armis, CrowdStrike
- Inspired by April Wensel's talk from CppNorth 2024
- All opinions are my own except where stated

“The ends of software development is software developers”

- Jim McCarthy, The Dynamics of Software Development

The Mythical “10x Developer”

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- But also: ["Real Programmers Don't Use Pascal"](#), ["The Story of Mel"](#), and [the inevitable XKCD](#)

The Mythical “10x Developer”



Medium

<https://medium.com/static-object/how-to-become-a-10x-developer-bf7104262381>

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How to become a 10x developer:. Let's start by asking ... - Medi...

Here are 5 fundamental steps to **become a 10x developer**: Step 1: Always be the dumbest person in the room. This may sound counterintuitive, but to quote entrepreneur, author, and motivational ...



The New Stack

<https://thenewstack.io/7-principles-and-10-tactics-to-make-you-a-10x-developer>

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7 Principles and 10 Tactics to Make You a 10x Developer

Jul 10, 2023 - At the Shift conference, Brandon Bayer from Flightcontrol proposed that you can **become a 10x developer** by making 10 other people 10% more productive.



HackerNoon

<https://hackernoon.com/how-to-become-a-10x-dev-an-essential-guide>

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How to Become a 10x Dev: An Essential Guide - HackerNoon

The ultimate guide to becoming a **10x Dev** - or what kind of devs I'm hiring (and promoting) as a VP of Engineering?



DEV Community

<https://dev.to/acromondx/5-simple-steps-to-becoming-a-10x-developer-hao>

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5 Simple Steps to Becoming a 10x Developer - DEV Community

5 Simple Steps to Becoming a **10x Developer** # productivity # programming # beginners # career As a software **developer**, it is often tempting to strive for the title of a "**10x developer**." This term, popularized by the tech industry, refers to a **developer** who is capable of producing ten times the amount of code ...



CodinGame

<https://www.codingame.com/work/hr-news-trends/the-10x-developer-everything-you-need-t...>

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The 10x Developer: Everything You Need to Know - CodinGame

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Developer Productivity Measurement: The Full List of 2025 Research Papers & Resources

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JULY 26, 2021

2025 Research Papers & Resources

Measuring & Maximizing Developer Productivity



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<https://hackernoon.com/how-to-become-a-10x-developer>

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... & Resources

7 Principles and 10 Tactics to Make You a 10x Developer

by Brandon Bayer

Measuring
Yes, you can measure software developer
productivity

August 17, 2023 | Article

Developer Productivity

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Making the most of 10x Developers

Avoid time-wasting activities such as:

Making the most of 10x Developers

Avoid time-wasting activities such as:

- Code reviews
- Teaching, coaching and mentoring
- On-boarding other developers
- Pairing and mobbing
- Continuous improvement
- Building relationships

“The unit of delivery is the team”

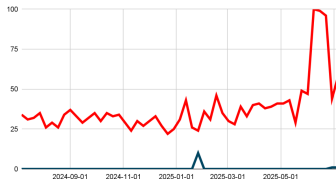
- Attributed to Jamie Arnold, UK's Government Digital Services

“The Team is the Product”

- Jason Gorman

And when it comes to teams...

Individual vs. Team Productivity



Source: Google Trends

Notable exceptions:

- Scrum and Kanban
- Google's [Project Aristotle](#)
- “The Wisdom of Teams”, “Team Topologies”

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$$\prod_n [\textit{Interaction}_n] \longrightarrow \infty$$

What's valuable?

$$\prod_n [Interaction_n] \rightarrow \infty$$

What's valuable?

- Interactions that **increase relevant knowledge**

$$\prod_n [Interaction_n] \longrightarrow \infty$$

Increase the number of interactions

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Team members should **want to interact!**

- Reduce “friction” of interactions

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- Increase relevance of shared information
 \implies A shared goal

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- Discuss the team itself
 \implies Continuous Improvement

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- Failure

But what about Flow?

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- Flow is the reason some of us are even in this business

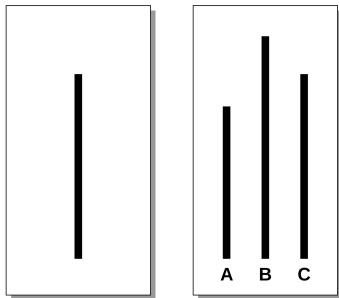
But what about Flow?

- Flow is real
- Flow is the reason some of us are even in this business
- Engineering is the art of the trade-off

The 10x Team Member

The 10x Team Member

- Remember Asch's Conformity Experiments



Source: Wikipedia, By Fred the Oyster, CC BY-SA 4.0

The 10x Team Member

- Remember Asch's Conformity Experiments
- Care about other team members

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- Be trustworthy and dependable

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- Become a better...
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 - ▶ ... learner
 - ▶ ... code reviewer

The 10x Team Member

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- Try to push towards being team-first

What If I'm A Manager?

- Establish common goals

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Takeaways

- Teams should never be ephemeral
- Developer productivity matters much less than team productivity
- “10x Developer” notion is harmful. Aim to be a “10x Team Member”

Thank You!

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