

Why is Rust the most loved programming language?

Rust is a general-purpose programming language that promises to be productive and reliable by emphasizing performance, type safety and concurrency... Just like a lot of other programming languages. So what is so special about it then?

I encourage you to ignore the technical details for a moment and focus on the community that was built around this programming language, or rustaceans, as they like to call themselves. First of all, according to the StackOverflow's Developers Survey 86.1% of 65,000 developers rated Rust as the most loved programming language since 2016. But why is that?

A valid answer would be that Rust is an open-source language and any programmer, beginner or expert, can contribute to the development of this language. At this moment the Rust community has a total of 6705 contributors, all being listed in the link below. By having so many people contribute to the development of the language, not only did it become a very efficient and popular software tool but this also built a strong community of people that like to share ideas and improve the quality of the code for the benefit of society.

I think the Rust community is a great example that shows us some other important thing, that is not efficiency or productivity, but teamwork. In such a fast-paced and ever-changing field that is the programming industry, maybe sometimes it is better to forget about finding the most efficient or fastest solution to a problem and start focusing on the human-relations that make everything possible.

References:

1. Rust Community: <https://www.rust-lang.org/community>
2. All Rust Contributors: <https://rust-lang.github.io/thanks/rust/all-time/>
3. Rust GitHub: <https://github.com/rust-lang/rust>