

Tony Hoare Quotes

*Simplicity, Learning, Language, Errors, Programming, Design, Real, Reliability,
Years, Simple, Program, Improvement, May, Problem, Looks, Numbers, Roots,
Assumption, Null, Code Quality*

Here is a language so far ahead of its time, that it was not only an improvement on its predecessors, but also on nearly all its successors.

~Tony Hoare

I call it my billion-dollar mistake. It was the invention of the null reference in 1965.

~Tony Hoare

The unavoidable price of reliability is simplicity.

~Tony Hoare

The real value of tests is not that they detect bugs in the code but that they detect inadequacies in the methods, concentration, and skills of those who design and produce the code.

~Tony Hoare

Some problems are better evaded than solved.

~Tony Hoare

Inside every large program is a small program struggling to get out.

~Tony Hoare

I don't know what the language of the year 2000 will look like, but I know it will be called Fortran.

~Tony Hoare

Premature optimization is the root of all evil in programming.

~Tony Hoare

The price of reliability is the pursuit of the utmost simplicity. It is a price which the very rich may find hard to pay.

~Tony Hoare

You cannot teach beginners top-down programming, because they

don't know which end is up.

~Tony Hoare

An ultimate joint challenge for the biological and the computational sciences is the understanding of the mechanisms of the human brain, and its relationship with the human mind.

~Tony Hoare

I was eventually persuaded of the need to design programming notations so as to maximize the number of errors which cannot be made, or if made, can be reliably detected at compile time.

~Tony Hoare

The job of formal methods is to elucidate the assumptions upon which formal correctness depends.

~Tony Hoare

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