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- Support modularity;
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A “safe language” is one that protects its own abstractions.

or

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- Can dynamic checks be completely avoided?
- Is language safety absolute?
- Is C really unsafe?
1.3 Type Systems and Language Design

Let’s consider the following quotations from *TAPL* (pp. 9 and 10):

Retrofitting a type system onto a language not designed with typechecking in mind can be tricky; ideally, language design should go hand-in-hand with type system design.

and

... in typed languages, the type system itself is often taken as the foundation of the design and the organizing principle in light of which every other aspect of the design is considered.