Programming Languages and Compilers: Quiz #9

Due on May 30, 2024 at 3:10pm

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Problem 1

Are C and C++ strong typing languages? Why?

Solution

No, C and C++ are not strong typing languages, There are weakly typed languages.

we can compare between Strongly typed and weakly typed languages.

strongly typed vs weakly typed

- **Strongly typed** - A language means you can't work around the type system. Pascal was intended to be strongly , however an oversight in the design(untagged variant records) introduced a loophole into the type system, so technically it is weakly typed.

- **Weakly typed** - A language means you can work around the type system. C/C++ are notoriously weakly typed because any pointer type is convertible to any other pointer type simply by casting