Quiz

Frage

With generics the compiler has more information about the types of the objects, so explicit casts don't have to be used and the compiler can produce type safe code.
What implications have the generics for the runtime performance of the program which uses them?

- With the generics the compiler can optimize the code for used types. This and the omission of the casts are the reasons why the code compiled with the generics is **quicker** than the one compiled without.
- The usage of generics has **no implications** for the runtime performance of the compiled programs.
- The improved flexibility and type safety means that the compiler has to generate concrete implementation from the generic template for each used type. This means that applications start **a bit slower**.

Quiz

Frage

With generics the compiler has more information about the types of the objects, so explicit casts don't have to be used and the compiler can produce type safe code.
What implications have the generics for the runtime performance of the program which uses them?

The Java Virtual Machine and the copiled byte code are Generics agnostic. The comiled byte code does not differ from byte code compiled from sources which don't use the generics. So using the generics has **no impact** on the runtime performance of compiled Java code.