Creating Polymorphic Functions to Control Repetition



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Overview



Polymorphism support

Ad hoc

Subtyping

Parametric (generic)

Variadic

Default parameters and ambiguity

Summary

Polymorphic Functions in PostgreSQL

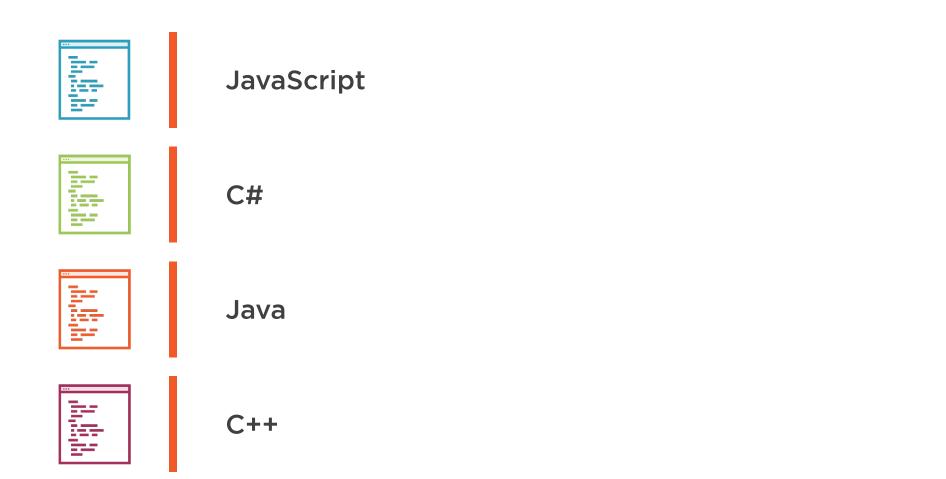








Polymorphic Functions in PostgreSQL



Polymorphic Functions in PostgreSQL

add(int, int) says(duck) f(...) returns int subtract(any) add(float, float) says(fox) f(...) returns char Ad hoc Subtyping **Parametric** Return types (generic)



Ad hoc polymorphic functions



Subtype polymorphic functions



Parametric polymorphic functions



Variadic functions



Default parameters and ambiguity

Summary



Polymorphic functions

Ad hoc

Subtype

Parametric (generic) - pseudo types

Variadic

Defaults and ambiguity