

Document: type-design.graffle

Canvas: JLS references

08/25/16

Type: JLS §4.1

ReferenceType

PrimitiveType

ReferenceType: JLS §4.3

ClassOrInterfaceType

TypeVariable

ArrayType

ClassOrInterfaceType:

ClassType

InterfaceType

ClassType:

Identifier [TypeArguments]

ClassOrInterfaceType . Identifier [TypeArguments]

InterfaceType:

ClassType

ArrayType:

PrimitiveType [] { [] }

ClassOrInterfaceType [] { [] }

TypeVariable [] { [] }

TypeArgument: JLS §4.5.1

ReferenceType

Wildcard

Wildcard:

? [extends ReferenceType]

? [super ReferenceType]

TypeBound: JLS §8.1.2

extends TypeVariable

extends ClassOrInterfaceType { & InterfaceType }

Upper bound either: JLS §5.1.10

- parameter bound with capture variables substituted

- glb of parameter bound with capture variables substituted, and
bound type of wildcard



