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1 Source Model

1.1 Modifiers

1.1.1 Accessibility Modifiers

Modifier	Function
public	Accessible from everywhere
internal	Accessible during compilation; compiled to private
protected	Accessible from inheritors
private	Accessible from inside only

1.1.2 Other Modifiers

Modifier	Function
static	Cannot be invoked dynamically
final	Cannot be overridden or changed
abstract	Must be implemented in inheritors
synchronized	Invocations are synchronized
native	Must be implemented by a native module

1.2 Classes

1.2.1 Class Types

A source class can be of different types:

1.2.1.1 class-Type A normal class that can be instantiated. Allowed modifiers are:

Modifier	Function
static	Cannot be instantiated and behaves like a Singleton
final	Cannot be inherited by other classes
abstract	Cannot be instantiated directly and must be inherited by other classes

1.2.1.2 enum-Type An enumeration of runtime-constants that follow a class-like pattern. This type does not allow modifiers.

1.2.1.3 interface-Type An interface that declares basic structure requirements for implementing classes. Cannot be instantiated directly.

1.2.1.4 annotation-Type