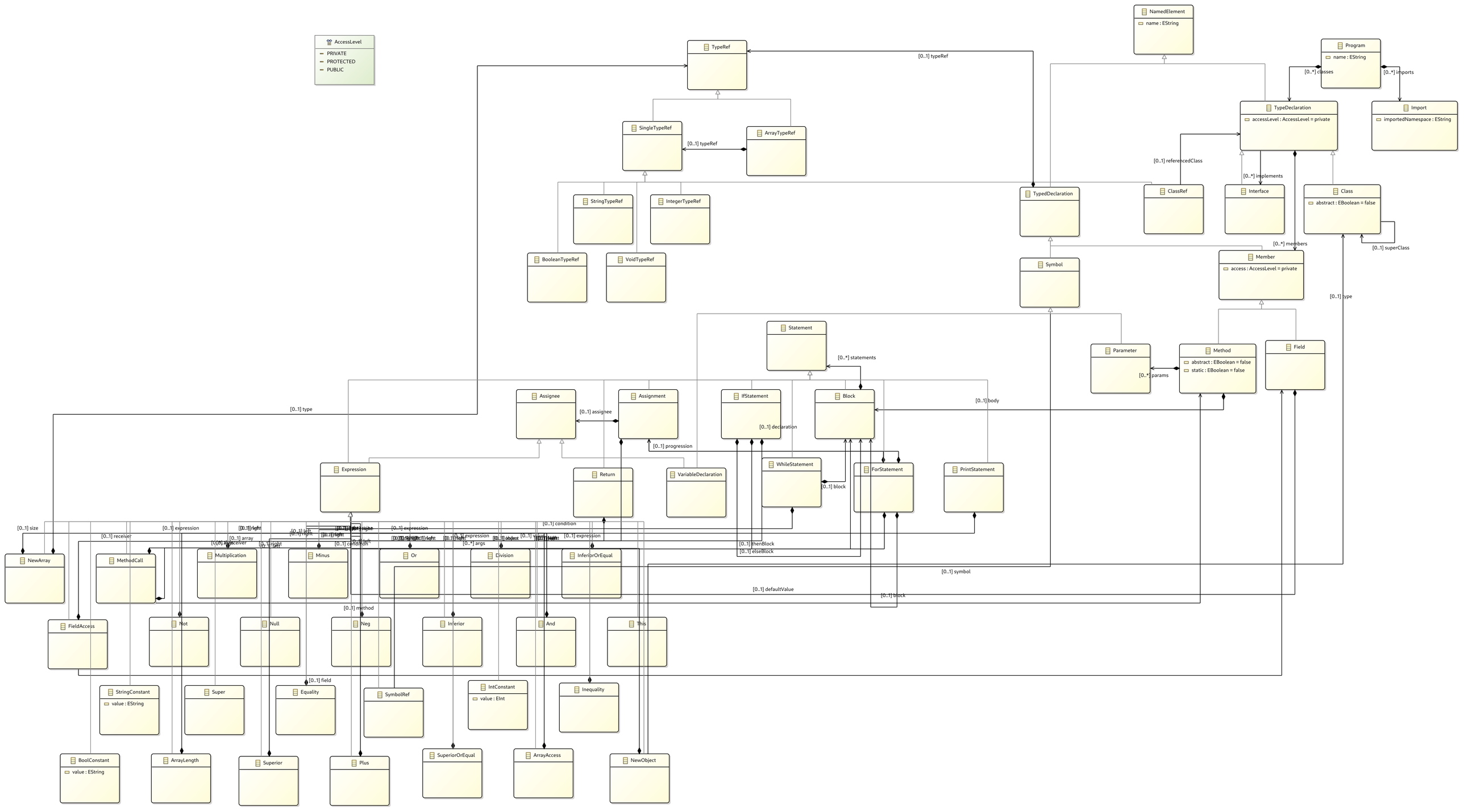
AccessLevel
PRIVATE
PROTECTED
PUBLIC
TypeRef
[0..1] typeRef
NamedElement
name : EString
Program
name : EString
[0..*] classes
[0..*] imports
TypeDeclaration
accessLevel : AccessLevel = private
Import
importedNamespace : EString
SingleTypeRef
[0..1] typeRef
ArrayTypeRef
[0..1] referencedClass
[0..*] implements
StringTypeRef
IntegerTypeRef
TypedDeclaration
ClassRef
Interface
Class
abstract : EBoolean = false
[0..1] superClass
[0..*] members
BooleanTypeRef
VoidTypeRef
Symbol
Member
access : AccessLevel = private
[0..1] type
Statement
[0..*] statements
Parameter
Method
abstract : EBoolean = false
static : EBoolean = false
Field
[0..*] params
Assignee
Assignment
IfStatement
Block
[0..1] body
[0..1] assignee
[0..1] declaration
[0..1] type
[0..1] progression
Expression
Return
VariableDeclaration
WhileStatement
ForStatement
PrintStatement
[0..1] block
[0..1] size
[0..1] expression
[0..1] condition
[0..1] receiver
[0..1] array
[0..1] left
[0..1] right
[0..1] index
[0..*] args
[0..1] thenBlock
[0..1] elseBlock
[0..1] symbol
[0..1] defaultValue
[0..1] block
[0..1] method
[0..1] field
NewArray
MethodCall
Multiplication
Minus
Or
Division
InferiorOrEqual
FieldAccess
Not
Null
Neg
Inferior
And
This
StringConstant
value : EString
Super
Equality
SymbolRef
IntConstant
value : EInt
Inequality
BoolConstant
value : EString
ArrayLength
Superior
Plus
SuperiorOrEqual
ArrayAccess
NewObject