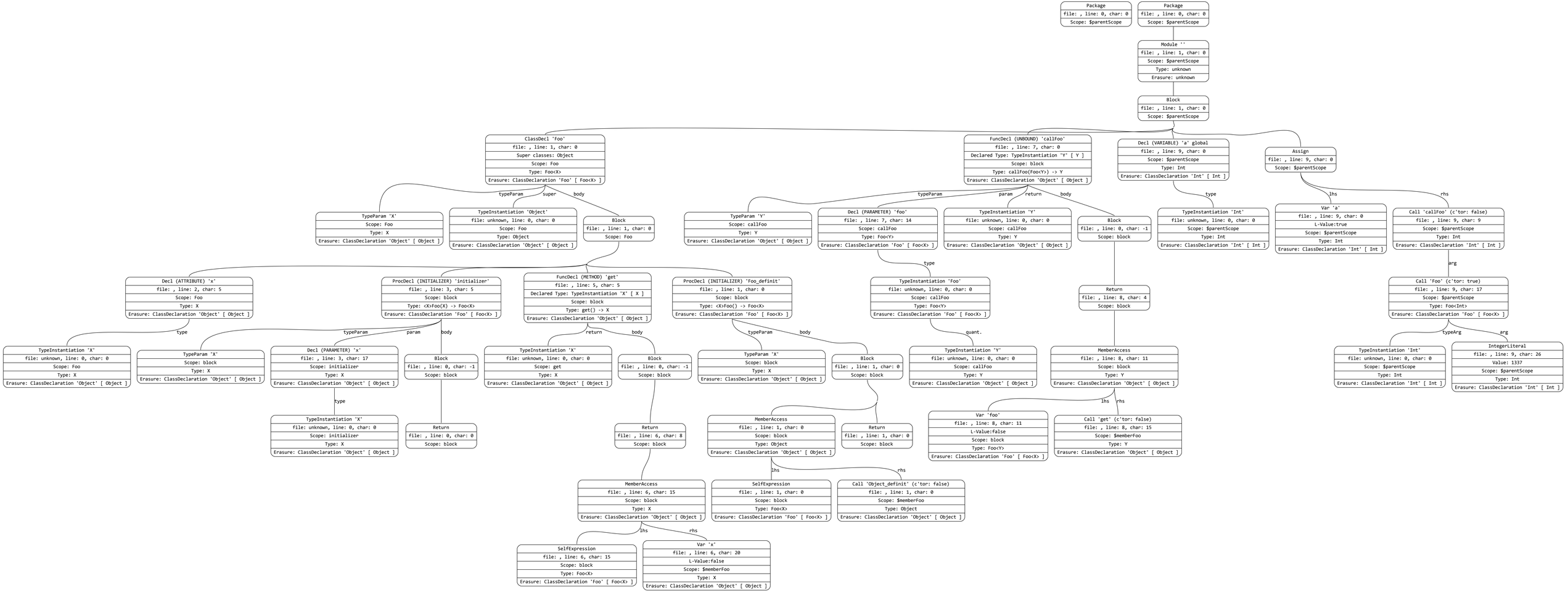
Package
file: , line: 0, char: 0
Scope: $parentScope
Package
file: , line: 0, char: 0
Scope: $parentScope
Module ''
file: , line: 1, char: 0
Scope: $parentScope
Type: unknown
Erasure: unknown
Block
file: , line: 1, char: 0
Scope: $parentScope
ClassDecl 'Foo'
file: , line: 1, char: 0
Super classes: Object
Scope: Foo
Type: Foo<X>
Erasure: ClassDeclaration 'Foo' [Foo<X>]
FuncDecl (UNBOUND) 'callFoo'
file: , line: 7, char: 0
Declared Type: TypeInstantiation 'Y' [Y]
Scope: block
Type: callFoo(Foo<Y>) -> Y
Erasure: ClassDeclaration 'Object' [Object]
Decl (VARIABLE) 'a' global
file: , line: 9, char: 0
Scope: $parentScope
Type: Int
Erasure: ClassDeclaration 'Int' [Int]
Assign
file: , line: 9, char: 0
Scope: $parentScope
typeParam
super
body
TypeParam 'X'
Scope: Foo
Type: X
Erasure: ClassDeclaration 'Object' [Object]
TypeInstantiation 'Object'
file: unknown, line: 0, char: 0
Scope: Foo
Type: Object
Erasure: ClassDeclaration 'Object' [Object]
Block
file: , line: 1, char: 0
Scope: Foo
typeParam
param
return
body
TypeParam 'Y'
Scope: callFoo
Type: Y
Erasure: ClassDeclaration 'Object' [Object]
Decl (PARAMETER) 'foo'
file: , line: 7, char: 14
Scope: callFoo
Type: Foo<Y>
Erasure: ClassDeclaration 'Foo' [Foo<X>]
TypeInstantiation 'Y'
file: unknown, line: 0, char: 0
Scope: callFoo
Type: Y
Erasure: ClassDeclaration 'Object' [Object]
Block
file: , line: 0, char: -1
Scope: block
TypeInstantiation 'Int'
file: unknown, line: 0, char: 0
Scope: $parentScope
Type: Int
Erasure: ClassDeclaration 'Int' [Int]
Var 'a'
file: , line: 9, char: 0
L-Value:true
Scope: $parentScope
Type: Int
Erasure: ClassDeclaration 'Int' [Int]
Call 'callFoo' (c'tor: false)
file: , line: 9, char: 9
Scope: $parentScope
Type: Int
Erasure: ClassDeclaration 'Int' [Int]
lhs
rhs
Decl (ATTRIBUTE) 'x'
file: , line: 2, char: 5
Scope: Foo
Type: X
Erasure: ClassDeclaration 'Object' [Object]
ProcDecl (INITIALIZER) 'initializer'
file: , line: 3, char: 5
Scope: block
Type: <X>Foo(X) -> Foo<X>
Erasure: ClassDeclaration 'Foo' [Foo<X>]
FuncDecl (METHOD) 'get'
file: , line: 5, char: 5
Declared Type: TypeInstantiation 'X' [X]
Scope: block
Type: get() -> X
Erasure: ClassDeclaration 'Object' [Object]
ProcDecl (INITIALIZER) 'Foo_definit'
file: , line: 1, char: 0
Scope: block
Type: <X>Foo() -> Foo<X>
Erasure: ClassDeclaration 'Foo' [Foo<X>]
TypeInstantiation 'Foo'
file: unknown, line: 0, char: 0
Scope: callFoo
Type: Foo<Y>
Erasure: ClassDeclaration 'Foo' [Foo<X>]
Return
file: , line: 8, char: 4
Scope: block
Call 'Foo' (c'tor: true)
file: , line: 9, char: 17
Scope: $parentScope
Type: Foo<Int>
Erasure: ClassDeclaration 'Foo' [Foo<X>]
type
typeArg
arg
TypeInstantiation 'X'
file: unknown, line: 0, char: 0
Scope: Foo
Type: X
Erasure: ClassDeclaration 'Object' [Object]
TypeParam 'X'
Scope: block
Type: X
Erasure: ClassDeclaration 'Object' [Object]
Decl (PARAMETER) 'x'
file: , line: 3, char: 17
Scope: initializer
Type: X
Erasure: ClassDeclaration 'Object' [Object]
Block
file: , line: 0, char: -1
Scope: block
TypeInstantiation 'X'
file: unknown, line: 0, char: 0
Scope: get
Type: X
Erasure: ClassDeclaration 'Object' [Object]
Block
file: , line: 0, char: -1
Scope: block
TypeParam 'X'
Scope: block
Type: X
Erasure: ClassDeclaration 'Object' [Object]
Block
file: , line: 1, char: 0
Scope: block
TypeInstantiation 'Y'
file: unknown, line: 0, char: 0
Scope: callFoo
Type: Y
Erasure: ClassDeclaration 'Object' [Object]
MemberAccess
file: , line: 8, char: 11
Scope: block
Type: Y
Erasure: ClassDeclaration 'Object' [Object]
TypeInstantiation 'Int'
file: unknown, line: 0, char: 0
Scope: $parentScope
Type: Int
Erasure: ClassDeclaration 'Int' [Int]
IntegerLiteral
file: , line: 9, char: 26
Value: 1337
Scope: $parentScope
Type: Int
Erasure: ClassDeclaration 'Int' [Int]
quant.
TypeInstantiation 'X'
file: unknown, line: 0, char: 0
Scope: initializer
Type: X
Erasure: ClassDeclaration 'Object' [Object]
Return
file: , line: 0, char: 0
Scope: block
Return
file: , line: 6, char: 8
Scope: block
MemberAccess
file: , line: 1, char: 0
Scope: block
Type: Object
Erasure: ClassDeclaration 'Object' [Object]
Return
file: , line: 1, char: 0
Scope: block
Var 'foo'
file: , line: 8, char: 11
L-Value:false
Scope: block
Type: Foo<Y>
Erasure: ClassDeclaration 'Foo' [Foo<X>]
Call 'get' (c'tor: false)
file: , line: 8, char: 15
Scope: $memberFoo
Type: Y
Erasure: ClassDeclaration 'Object' [Object]
MemberAccess
file: , line: 6, char: 15
Scope: block
Type: X
Erasure: ClassDeclaration 'Object' [Object]
SelfExpression
file: , line: 1, char: 0
Scope: block
Type: Foo<X>
Erasure: ClassDeclaration 'Foo' [Foo<X>]
Call 'Object_definit' (c'tor: false)
file: , line: 1, char: 0
Scope: $memberFoo
Type: Object
Erasure: ClassDeclaration 'Object' [Object]
SelfExpression
file: , line: 6, char: 15
Scope: block
Type: Foo<X>
Erasure: ClassDeclaration 'Foo' [Foo<X>]
Var 'x'
file: , line: 6, char: 20
L-Value:false
Scope: $memberFoo
Type: X
Erasure: ClassDeclaration 'Object' [Object]