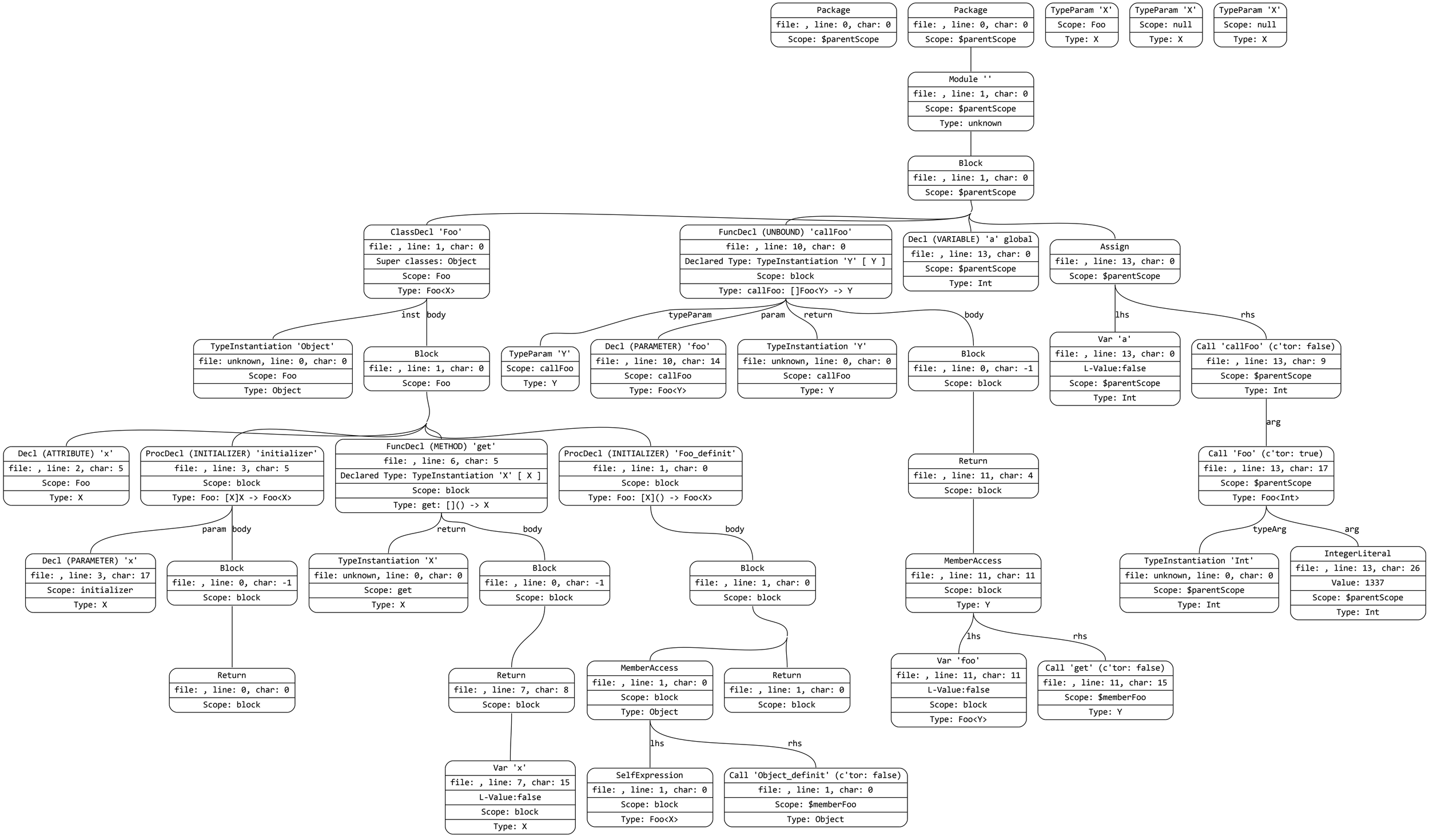
Package
file: , line: 0, char: 0
Scope: $parentScope
Package
file: , line: 0, char: 0
Scope: $parentScope
TypeParam 'X'
Scope: Foo
Type: X
TypeParam 'X'
Scope: null
Type: X
TypeParam 'X'
Scope: null
Type: X
Module ''
file: , line: 1, char: 0
Scope: $parentScope
Type: unknown
Block
file: , line: 1, char: 0
Scope: $parentScope
ClassDecl 'Foo'
file: , line: 1, char: 0
Super classes: Object
Scope: Foo
Type: Foo<X>
FuncDecl (UNBOUND) 'callFoo'
file: , line: 10, char: 0
Declared Type: TypeInstantiation 'Y' [Y]
Scope: block
Type: callFoo: []Foo<Y> -> Y
Decl (VARIABLE) 'a' global
file: , line: 13, char: 0
Scope: $parentScope
Type: Int
Assign
file: , line: 13, char: 0
Scope: $parentScope
inst
body
typeParam
param
return
body
lhs
rhs
TypeInstantiation 'Object'
file: unknown, line: 0, char: 0
Scope: Foo
Type: Object
Block
file: , line: 1, char: 0
Scope: Foo
TypeParam 'Y'
Scope: callFoo
Type: Y
Decl (PARAMETER) 'foo'
file: , line: 10, char: 14
Scope: callFoo
Type: Foo<Y>
TypeInstantiation 'Y'
file: unknown, line: 0, char: 0
Scope: callFoo
Type: Y
Block
file: , line: 0, char: -1
Scope: block
Var 'a'
file: , line: 13, char: 0
L-Value:false
Scope: $parentScope
Type: Int
Call 'callFoo' (c'tor: false)
file: , line: 13, char: 9
Scope: $parentScope
Type: Int
arg
Decl (ATTRIBUTE) 'x'
file: , line: 2, char: 5
Scope: Foo
Type: X
ProcDecl (INITIALIZER) 'initializer'
file: , line: 3, char: 5
Scope: block
Type: Foo: [X]X -> Foo<X>
FuncDecl (METHOD) 'get'
file: , line: 6, char: 5
Declared Type: TypeInstantiation 'X' [X]
Scope: block
Type: get: []() -> X
ProcDecl (INITIALIZER) 'Foo_definit'
file: , line: 1, char: 0
Scope: block
Type: Foo: [X]() -> Foo<X>
Return
file: , line: 11, char: 4
Scope: block
Call 'Foo' (c'tor: true)
file: , line: 13, char: 17
Scope: $parentScope
Type: Foo<Int>
param
body
return
body
body
typeArg
arg
Decl (PARAMETER) 'x'
file: , line: 3, char: 17
Scope: initializer
Type: X
Block
file: , line: 0, char: -1
Scope: block
TypeInstantiation 'X'
file: unknown, line: 0, char: 0
Scope: get
Type: X
Block
file: , line: 0, char: -1
Scope: block
Block
file: , line: 1, char: 0
Scope: block
MemberAccess
file: , line: 11, char: 11
Scope: block
Type: Y
TypeInstantiation 'Int'
file: unknown, line: 0, char: 0
Scope: $parentScope
Type: Int
IntegerLiteral
file: , line: 13, char: 26
Value: 1337
Scope: $parentScope
Type: Int
lhs
rhs
Return
file: , line: 0, char: 0
Scope: block
Return
file: , line: 7, char: 8
Scope: block
MemberAccess
file: , line: 1, char: 0
Scope: block
Type: Object
Return
file: , line: 1, char: 0
Scope: block
Var 'foo'
file: , line: 11, char: 11
L-Value:false
Scope: block
Type: Foo<Y>
Call 'get' (c'tor: false)
file: , line: 11, char: 15
Scope: $memberFoo
Type: Y
lhs
rhs
Var 'x'
file: , line: 7, char: 15
L-Value:false
Scope: block
Type: X
SelfExpression
file: , line: 1, char: 0
Scope: block
Type: Foo<X>
Call 'Object_definit' (c'tor: false)
file: , line: 1, char: 0
Scope: $memberFoo
Type: Object