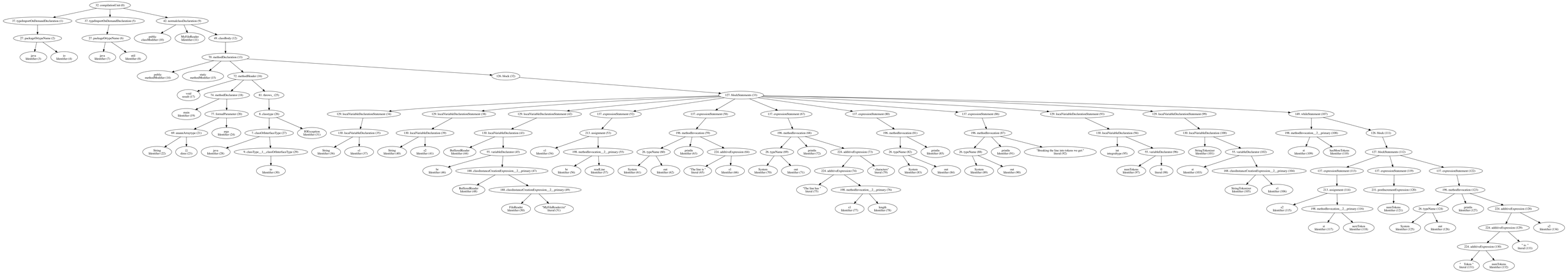
32. compilationUnit (0)
37. typeImportOnDemandDeclaration (1)
27. packageOrTypeName (2)
java
Identifier (3)
io
Identifier (4)
37. typeImportOnDemandDeclaration (5)
27. packageOrTypeName (6)
java
Identifier (7)
util
Identifier (8)
62. normalClassDeclaration (9)
public
classModifier (10)
MyFileReader
Identifier (11)
49. classBody (12)
70. methodDeclaration (13)
public
methodModifier (14)
Static
methodModifier (15)
72. methodHeader (16)
void
result (17)
74. methodDeclarator (18)
main
Identifier (19)
77. formalParameters (20)
69. unannArrayType (21)
String
Identifier (22)
[]
dims (23)
args
Identifier (24)
8. classType (26)
7. classOrInterfaceType (27)
java
Identifier (28)
9. classType_:_1_classOrInterfaceType (29)
io
Identifier (30)
IOException
Identifier (31)
81. throws_ (25)
126. block (32)
127. blockStatements (33)
129. localVariableDeclarationStatement (34)
130. localVariableDeclaration (35)
String
Identifier (36)
x1
Identifier (37)
129. localVariableDeclarationStatement (38)
130. localVariableDeclaration (39)
String
Identifier (40)
x2
Identifier (41)
129. localVariableDeclarationStatement (42)
130. localVariableDeclaration (43)
BufferedReader
Identifier (44)
55. variableDeclarator (45)
br
Identifier (46)
188. classInstanceCreationExpression_:_2_:_primary (47)
BufferedReader
Identifier (48)
188. classInstanceCreationExpression_:_2_:_primary (49)
FileReader
Identifier (50)
"MyFileReader.txt"
literal (51)
137. expressionStatement (52)
213. assignment (53)
x1
Identifier (54)
198. methodInvocation_:_2_:_primary (55)
br
Identifier (56)
readLine
Identifier (57)
137. expressionStatement (58)
196. methodInvocation (59)
26. typeName (60)
System
Identifier (61)
out
Identifier (62)
println
Identifier (63)
224. additiveExpression (64)
"The line is "
literal (65)
x1
Identifier (66)
137. expressionStatement (67)
196. methodInvocation (68)
26. typeName (69)
System
Identifier (70)
out
Identifier (71)
println
Identifier (72)
224. additiveExpression (73)
224. additiveExpression (74)
"The line has"
literal (75)
198. methodInvocation_:_2_:_primary (76)
x1
Identifier (77)
length
Identifier (78)
' characters'
literal (79)
137. expressionStatement (80)
196. methodInvocation (81)
26. typeName (82)
System
Identifier (83)
out
Identifier (84)
println
Identifier (85)
137. expressionStatement (86)
196. methodInvocation (87)
26. typeName (88)
System
Identifier (89)
out
Identifier (90)
println
Identifier (91)
"Breaking the line into tokens we get:"
literal (92)
129. localVariableDeclarationStatement (93)
130. localVariableDeclaration (94)
int
integralType (95)
55. variableDeclarator (96)
numTokens
Identifier (97)
literal (98)
129. localVariableDeclarationStatement (99)
130. localVariableDeclaration (100)
StringTokenizer
Identifier (101)
55. variableDeclarator (102)
st
Identifier (103)
188. classInstanceCreationExpression_:_2_:_primary (104)
StringTokenizer
Identifier (105)
x1
Identifier (106)
149. whileStatement (107)
198. methodInvocation_:_2_:_primary (108)
st
Identifier (109)
hasMoreTokens
Identifier (110)
126. block (111)
127. blockStatements (112)
137. expressionStatement (113)
213. assignment (114)
x2
Identifier (115)
198. methodInvocation_:_2_:_primary (116)
st
Identifier (117)
nextToken
Identifier (118)
137. expressionStatement (119)
231. postincrementExpression (120)
numTokens
Identifier (121)
137. expressionStatement (122)
196. methodInvocation (123)
26. typeName (124)
System
Identifier (125)
out
Identifier (126)
println
Identifier (127)
224. additiveExpression (128)
224. additiveExpression (129)
224. additiveExpression (130)
' Tokens '
literal (131)
numTokens
Identifier (132)
' in '
literal (133)
x2
Identifier (134)