



Type
g
JmlName(type: String)

Structure Chart
+headline: String
+root: BlockSequence
+declarations: vector<Declaration>

Declaration	BlockSequence
+type: unique_ptr<Type>	blocks: pointer-vector
+varName: String	

PrimitiveType
+enum { Integer, Float, Boolean, Text, Character}
+cppName()
+umlName()

Block
<<<<destructor>>>

SimpleBlock
+command: String
<<<<constructor>>>>+SimpleBlock(pCommand: String)

LoopBlock
+condition: String
+body: BlockSequence
+headControlled: Boolean
<<<<constructor>>>>+LoopBlock(pCondition: String, pBody: BlockSequence, pHeadControlled: Boolean)

+condition: String
+yes: BlockSequence
+no: BlockSequence
<<<<constructor>>>



on>

nce
or<Block>

ck
>>>+~Block()

SwitchBlock
+expression: String +sequences: map<String, BlockSequence>
<<<<constructor>>>>+SwitchBlock(expression: String, sequences: map<String, BlockSequence>)

leadControlled: Boolean)

IfElseBlock
>>+IfElseBlock(pCondition: String, pYes: BlockSequence, pNo: BlockSequence)