

ASTs of Language Constructs Other Than Expressions

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- The root of an AST for a construct is a node that identifies the kind of construct it is.
- The subtrees of the root are ASTs of substructures whose meanings determine the meaning of the construct.

Example of a Possible AST of a Java Statement

```
if (a+1 > b) {  
    x = 2;  
    b = a;  
}  
else {  
    while (c < 0) {  
        a += x;  
        c = b + a;  
    }  
}
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can be represented by
the following AST:

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