

Features

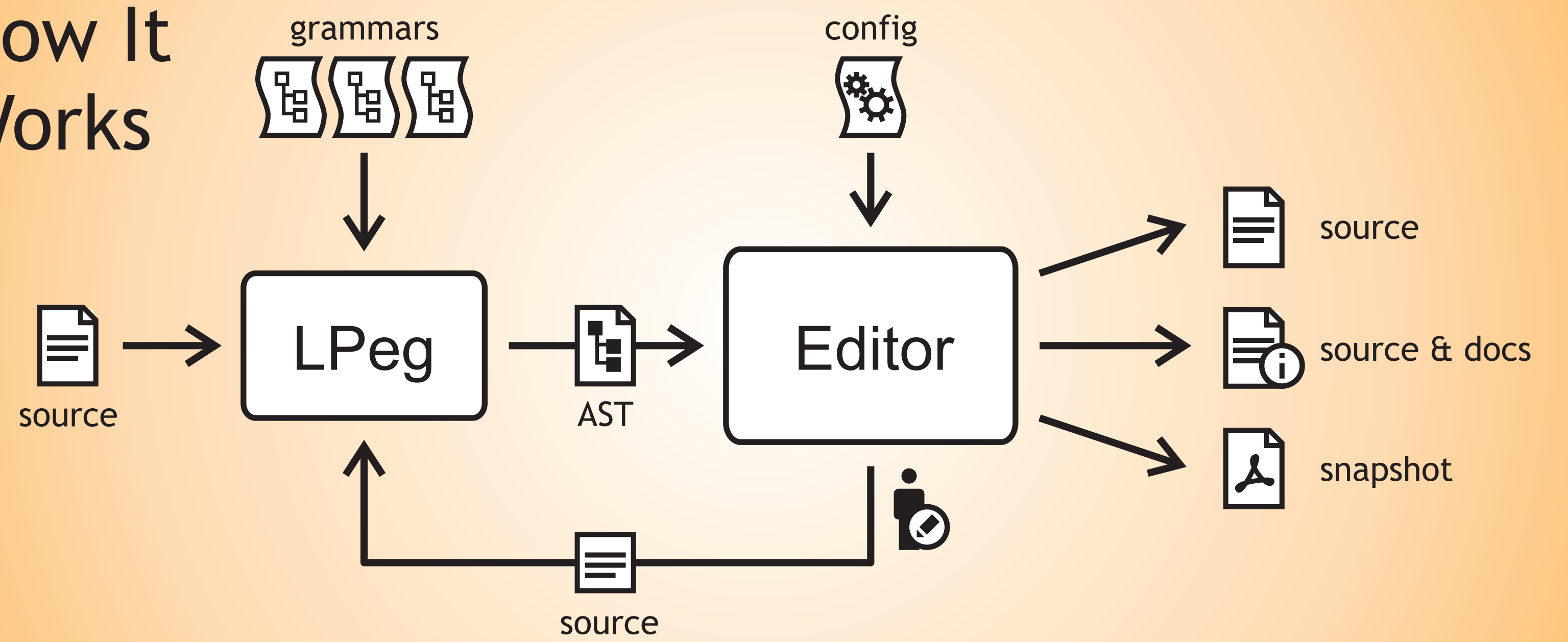
- code structure visualization
- support of any formal language (programming, markup, ...)
- configurable syntax highlighting
- drag & drop for fast refactoring
- images and formatted text in comments
- custom folding captions
- various outputs

technologies:

Qt – multi-platform application framework
 LPeg – pattern-matching library for Lua

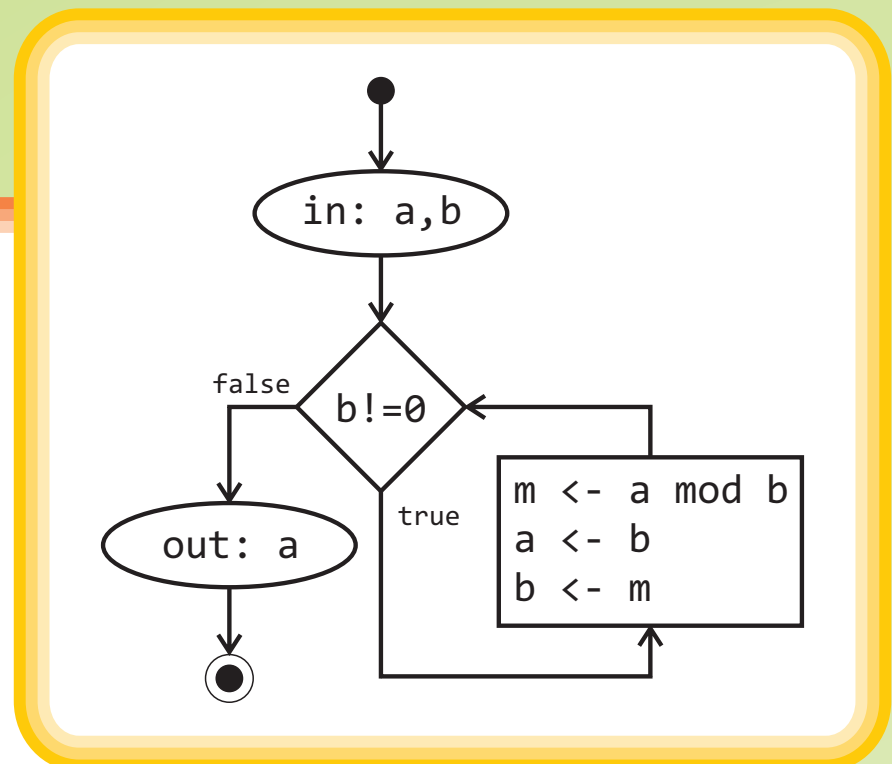


How It Works



Versatile Comments

```
int gcd(int a, int b) {
    if (b > a) {
        int t = a;
        a = b;
        b = t;
    }
    while (b != 0) {
        int m = a % b;
        a = b;
        b = m;
    }
    return a;
}
```



TODO: make recursive function

Customizable Folding

```
int gcd(int a, int b) {
    [switch values if b > a...]
    while (b != 0) {
        int m = a % b;
        a = b;
        b = m;
    }
    return a;
}
```

```
int gcd(int a, int b) {
    if (b > a) {
        int t = a;
        a = b;
        b = t;
    }
    while (b != 0) {
        int m = a % b;
        a = b;
        b = m;
    }
    return a;
}
```

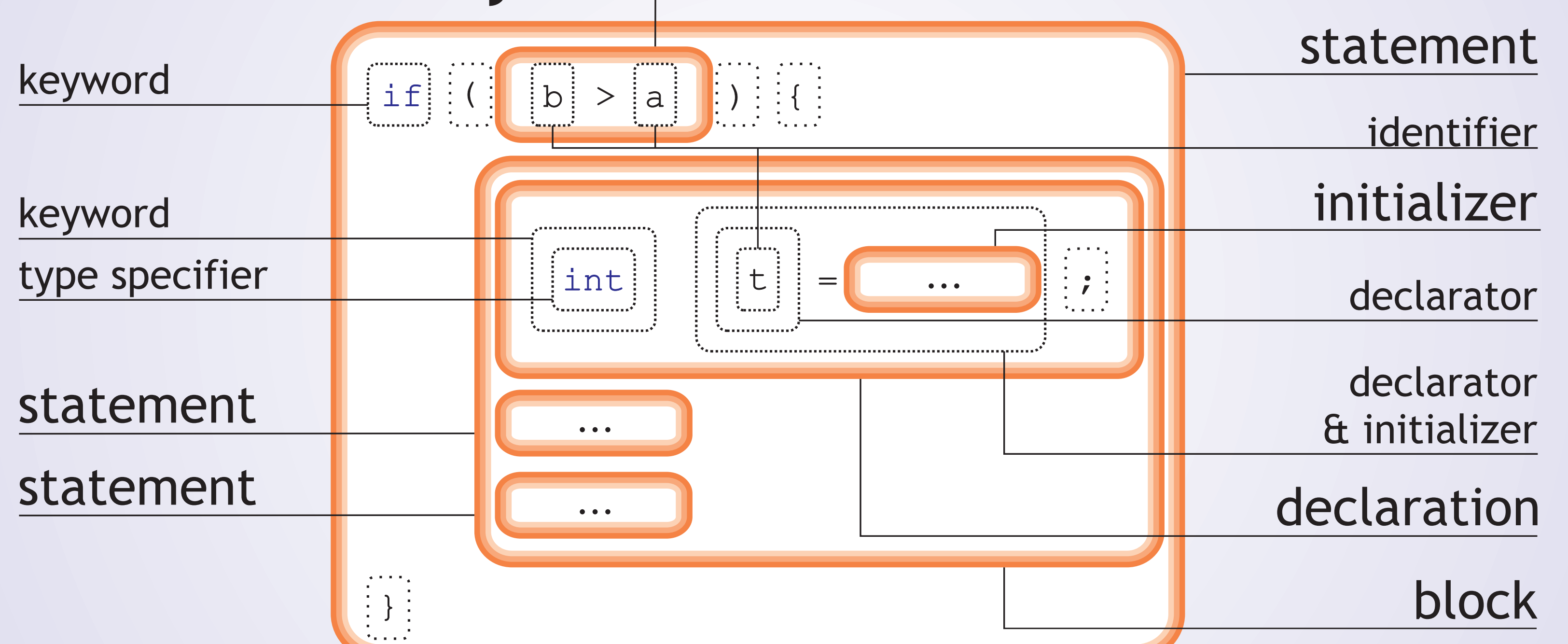
Selection & Movement

```
int gcd(int a, int b) {
    while (b != 0) {
        int m = a % b;
        a = b;
        b = m;
    }
    return a;
}
```

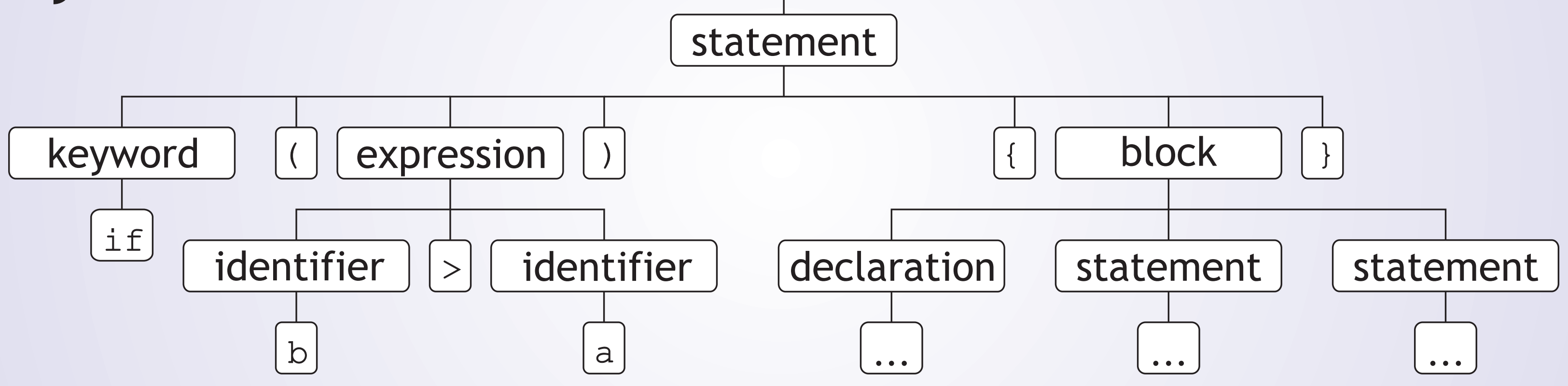
if (b > a) {
 int t = a;
 a = b;
 b = t;
}

```
int gcd(int a, int b) {
    while (b != 0) {
        if (b > a) {
            int t = a;
            a = b;
            b = t;
        }
        int m = a % b;
        a = b;
        b = m;
    }
    return a;
}
```

Block Hierarchy



Syntactic Tree



Grammar

statement = 'if' '(' expression ')' statement ['else' statement] |
 '{' block '}' | ...
 block = { declaration | statement }