
cars

Jetta

Jetta Sportwagen

Beetle

Beetle Convertible

Audi A3

Golf

Golf Sportwagen

Passat

```
if being tested
    turn full emissions controls on
else
    don't
```

```
if wheels are turning but steering wheel isn't
    turn full emissions controls on
else
    don't
```

reflections on trusting trust

To what extent should one trust a statement that a program is free of Trojan horses? Perhaps it is more important to trust the people who wrote the software.

```
 1  pick up phone book
 2  open to middle of phone book
 3  look at names
 4  if "Smith" is among names
 5      call Mike
 6  else if "Smith" is earlier in book
 7      open to middle of left half of book
 8      go to line 3
 9  else if "Smith" is later in book
10      open to middle of right half of book
11      go to line 3
12  else
13      give up
```

```
 1  pick up phone book
 2  open to middle of phone book
 3  look at names
 4  if "Smith" is among names
 5      call Mike
 6  else if "Smith" is earlier in book
 7      open to middle of left half of book
 8      go to line 3
 9  else if "Smith" is later in book
10      open to middle of right half of book
11      go to line 3
12  else
13      give up
```

```
 1  pick up phone book
 2  open to middle of phone book
 3  look at names
 4  if "Smith" is among names
 5      call Mike
 6  else if "Smith" is earlier in book
 7      search for Mike in left half of book
 8
 9  else if "Smith" is later in book
10      search for Mike in right half of book
11
12  else
13      give up
```

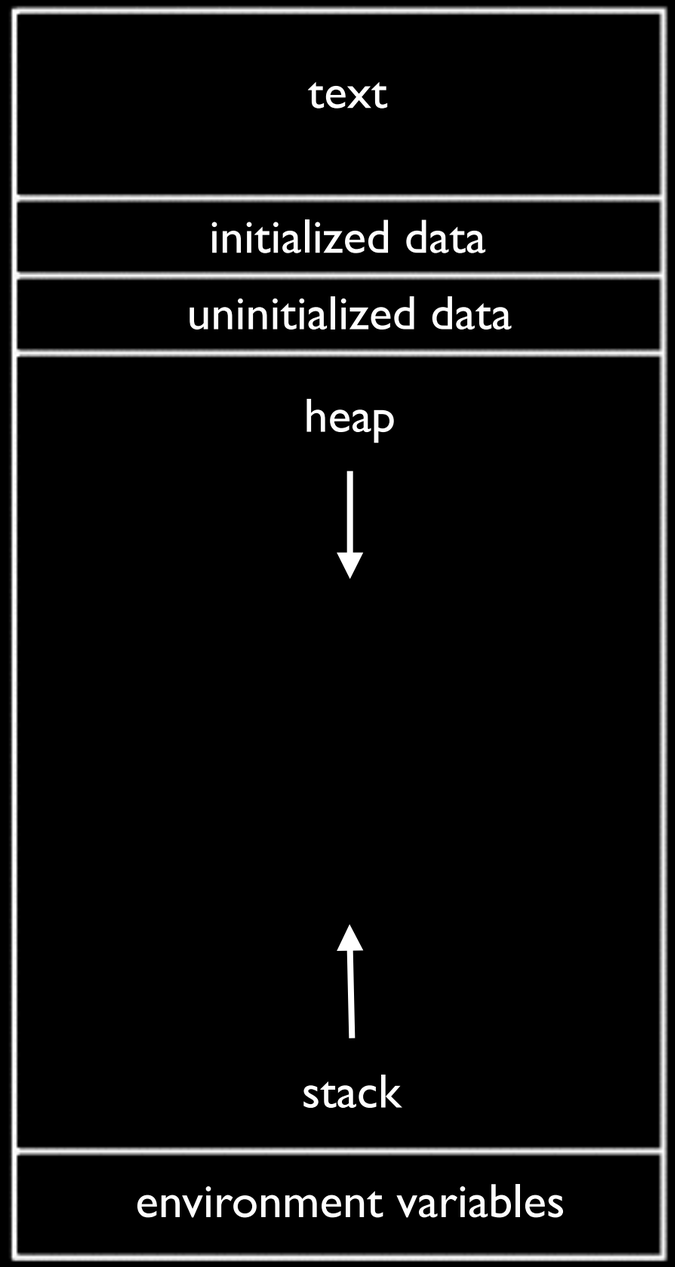
```
On input of n elements
    if n < 2
        return
    else
        sort left half of elements
        sort right half of elements
        merge sorted halves
```

```
On input of n elements
     if n < 2
          return
     else
          sort left half of elements
          sort right half of elements
          merge sorted halves
```

recursion

google.com/search?q=recursion

```
void swap(int a, int b)
{
    int tmp = a;
    a = b;
    b = tmp;
}
```


text
initialized data
uninitialized data
heap
stack
environment variables

GDB

string


YOU SAID STRINGS EXIST
TODAY DETERMINED THAT WAS A LIE
memegenerator.net

char*

Pointer Fun with Binky Preview

by Nick Parlante

This is document 104 in the Stanford CS Education Library — please see cslibrary.stanford.edu for this video, its associated documents, and other free educational materials.