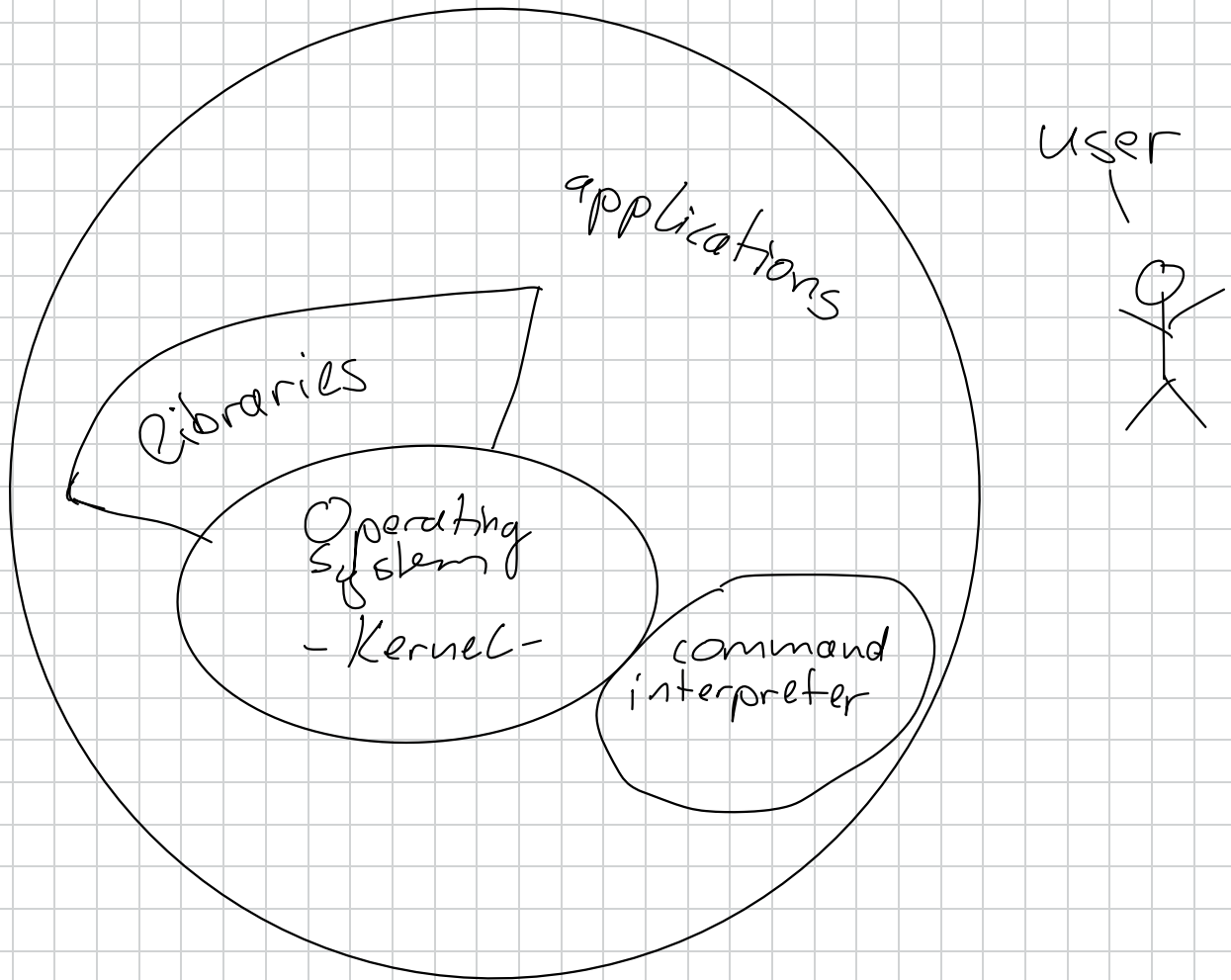


- Linking & Loading

Heart: Operating System

↳ ultimately it is a program



Application
Language/Libraries
Operating System
Hardware

DO NOT TRUS
UNINITIALISED MEMORY

"born again shell"

2 shells → AT&T derived /bin/bash
→ UC Berkeley /bin/tcsh

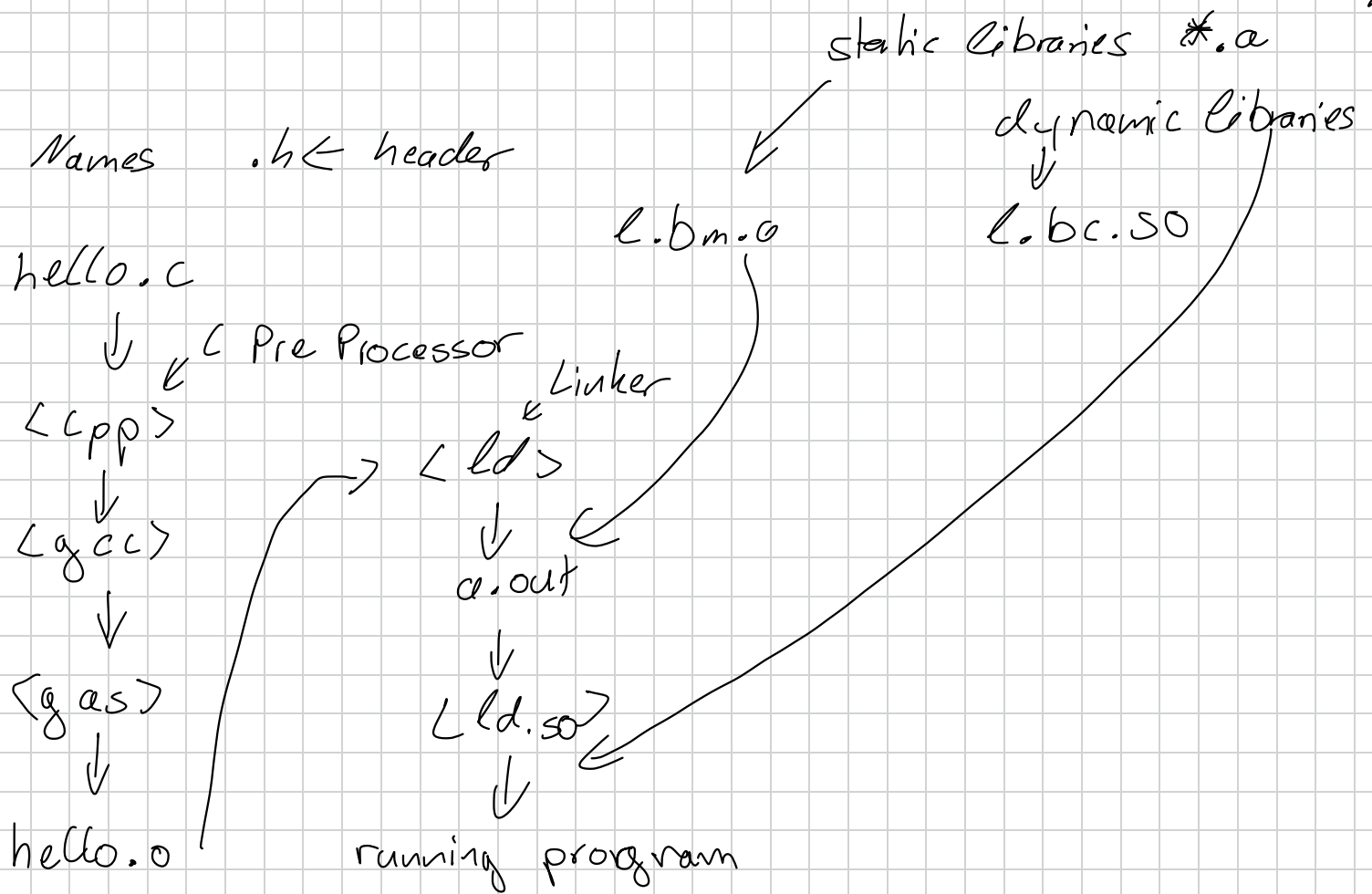
How do you run a program: bash commands

list files → \$ ls

\$ gcc -g -Wall -ansi -o hello hello.c

\$./hello

-lun
math library



```
#include <stdio.h>
```

```
int main(int argc, char* argv[3]) {
```

```
    printf("Hello World\n");
```

```
    return 0;
```

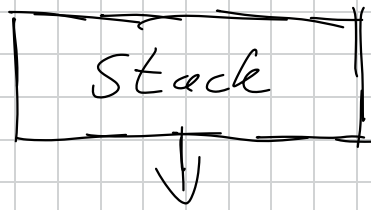
```
}
```

```
if (x == 3) {
```

```
    ..
```

```
}
```

Memory



Seg Fault

