

## Preprocessor

```
gcc -E file.c -o file.i
```

## Compiler

```
gcc -S file.i -o file.s
```

## Assembler

```
gcc -c file.s -o file.o
```

## Linker

```
gcc file.o -lexample -o file
```

```
[...]  
extern int __uflow (FILE *);  
extern int __overflow (FILE *, int);  
  
int main(void) {  
    int i = 2;  
}
```

## External Library

libexample.so