

gcc

Preprocesses and compiles C and C++ source files, then assembles and links them together.

- Compile multiple source files into executable:

```
gcc {{source1.c}} {{source2.c}} -o {{executable}}
```

- Allow warnings, debug symbols in output:

```
gcc {{source.c}} -Wall -Og -o {{executable}}
```

- Include libraries from a different path:

```
gcc {{source.c}} -o {{executable}} -I{{header_path}} -L{{library_path}} -l{{library_name}}
```

- Compile source code into Assembler instructions:

```
gcc -S {{source.c}}
```

- Compile source code without linking:

```
gcc -c {{source.c}}
```