

Getting Started with the D Programming Language

Begin with installing the GDC compiler package, with the Installer program... Then open your favorite text editor (TextWrangler?), and a Terminal window.

Sample Programs

The first sample program, "nothing", does absolutely nothing. Just compiles.

nothing.d:

```
void main()
{
}
```

```
# gdmd nothing.d
# ./nothing
#
```

The second sample program, "hello", writes a message out to the Terminal.

hello.d:

```
import std.stdio;
void main()
{
    writeln("Hello, World!");
}
```

```
# gdmd hello.d
# ./hello
Hello, World
#
```

The third sample program, "echo", repeats the input parameters back out.

echo.d:

```
import std.stdio;
void main(char[][] args)
{
    foreach(char[] arg; args)
        writeln("%s", arg);
}
```

```
# gdmd echo.d
# ./echo foo bar
./echo
foo
bar
#
```

The entire D specification is available at: <http://www.digitalmars.com/d/>