

## Difference Between `\n` and `\r`

The main difference between `\r` and `\n` is that:

`\r` stands for carriage return. It returns the cursor to the first column of the current line. It has no significance in Unix/Unix like systems. However, in operating systems for the apple mac before the MacOS X used `\r` as line termination character.

`\n` stands for the newline character. It sends the cursor to the next line. Its is mainly used in Windows, Linux and the newer versions after MacOS X.

Nowadays `\n` returns the cursor to the first column of the next line. However, in the early days of computers' operating systems much older than windows and some electromechanical typewriter, `\r\n` was the actual line termination character where `\r` sent the cursor to the first position of the current row and `\n` sent the cursor to the next line.