



Basic Shell

Redirections



I/O Redirection on Linux Shell



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Example	Description
<code>cmd < file</code>	Redirect standard input from <code>file</code> to <code>cmd</code>
<code>cmd > file</code>	Send standard output of <code>cmd</code> to <code>file</code>
<code>cmd >> file</code>	Append standard output of <code>cmd</code> to <code>file</code>
<code>cmd 2> file</code>	Send error output of <code>cmd</code> to <code>file</code>
<code>cmd 2>> file</code>	Append error output of <code>cmd</code> to <code>file</code>
<code>cmd 2>&1</code>	Send error output of <code>cmd</code> to its standard output
<code>cmd > file 2>&1</code>	Send both standard output and error output to <code>file</code>
<code>cmd &> file</code>	Send both standard output and error output to <code>file</code>
<code>cmd 2>&1 > file</code>	Send error output to terminal and standard output to <code>file</code>
<code>cmd >> file 2>&1</code>	Append both standard output and error output to <code>file</code>
<code>cmd &>> file</code>	Append both standard output and error output to <code>file</code>
<code>cmd <<< "string"</code>	Send a single string to <code>cmd</code> as its input
<code>cmd << EOF</code> input line 1 input line 2 EOF	Send multi-line input to <code>cmd</code> until a delimiter is reached
<code>cmd 3> file</code>	Send a custom file descriptor 3's output of <code>cmd</code> to <code>file</code>

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Last update: 2026/03/21 06:13



