|  |  |  |
| --- | --- | --- |
| **Category** | **Operator** | **Associativity** |
| **Postfix** | () [] -> . ++ - - | Left to right |
| **Unary** | + - ! ~ ++ - - (type)\* & sizeof | **Right to left** |
| **Multiplicative** | \* / % | Left to right |
| **Additive** | + - | Left to right |
| **Shift** | << >> | Left to right |
| **Relational** | < <= > >= | Left to right |
| **Equality** | == != | Left to right |
| **Bitwise AND** | & | Left to right |
| **Bitwise XOR** | ^ | Left to right |
| **Bitwise OR** | | | Left to right |
| **Logical AND** | && | Left to right |
| **Logical OR** | || | Left to right |
| **Conditional** | ?: | **Right to left** |
| **Assignment** | = += -= \*= /= %=>>= <<= &= ^= |= | **Right to left** |
| **Comma** | , | Left to right |