Rec. 12. Expressions (EXP)

Contents

- Android Only
- C
- C++
- Java

Android Only

Content by label

There is no content with the specified labels

C

- EXP00-C. Use parentheses for precedence of operation
- EXP02-C. Be aware of the short-circuit behavior of the logical AND and OR operators
- EXP03-C. Do not assume the size of a structure is the sum of the sizes of its members
- EXP05-C. Do not cast away a const qualification
- EXP07-C. Do not diminish the benefits of constants by assuming their values in expressions
- EXP08-C. Ensure pointer arithmetic is used correctly
- EXP09-C. Use sizeof to determine the size of a type or variable
- EXP10-C. Do not depend on the order of evaluation of subexpressions or the order in which side effects take place
- EXP11-C. Do not make assumptions regarding the layout of structures with bit-fields
- EXP12-C. Do not ignore values returned by functions
- EXP13-C. Treat relational and equality operators as if they were nonassociative
- EXP14-C. Beware of integer promotion when performing bitwise operations on integer types smaller than int
- EXP15-C. Do not place a semicolon on the same line as an if, for, or while statement
- EXP16-C. Do not compare function pointers to constant values
- EXP19-C. Use braces for the body of an if, for, or while statement
- EXP20-C. Perform explicit tests to determine success, true and false, and equality

C++

Content by label

There is no content with the specified labels

Java

- EXP50-J. Do not confuse abstract object equality with reference equality
- EXP51-J. Do not perform assignments in conditional expressions
- EXP52-J. Use braces for the body of an if, for, or while statement
- EXP53-J. Use parentheses for precedence of operation
- EXP54-J. Understand the differences between bitwise and logical operators
- EXP55-J. Use the same type for the second and third operands in conditional expressions