

	Any	Boolean	Number	String	Object
Any	Any	Boolean	Number	String	Object
Boolean	Any	Boolean	Number	String	Object
Number	Any	Boolean	Number	String	Object
String	Any	Boolean	Number	String	Object
Object	Any	Boolean	Number	String	Object

4.15.7 The || operator

The || operator permits the operands to be of any type.

If the || expression is contextually typed (section 4.19), the operands are contextually typed by the same type and the result is of the best common type (section 3.10) of the contextual type and the two operand types.

If the || expression is not contextually typed, the right operand is contextually typed by the type of the left operand and the result is of the best common type of the two operand types.

	Any	Boolean	Number	String	Object
Any	Any	Any	Any	Any	Any
Boolean	Any	Boolean	{ }	{ }	{ }
Number	Any	{ }	Number	{ }	{ }
String	Any	{ }	{ }	String	{ }
Object	Any	{ }	{ }	{ }	Object

4.16 The Conditional Operator

In a conditional expression of the form

Cond ? *Expr1* : *Expr2*

the *Cond* expression may be of any type.

If the conditional expression is contextually typed (section 4.19), *Expr1* and *Expr2* are contextually typed by the same type and the result is of the best common type (section 3.10) of the contextual type and the types of *Expr1* and *Expr2*. An error occurs if the best common type is not identical to at least one of the three candidate types.