

Operators and Identifiers in Power Apps

Symbol	Type	Example	Description
'...'	Identifier	'Account Name'	Identifiers that contain special characters, including spaces, are enclosed in single quotes
"..."	Text string	"Hello, World"	Text strings are enclosed in double quotes
"\$..."	String interpolation	"\$Dear {FirstName},"	Formulas embedded within a text string
.	Property Selector	Slider1.Value Color.Red Acceleration.X	Extracts a property from a table, control, signal, or enumeration. For backward compatibility, ! may also be used.
.	Decimal separator	1.23	Separator between whole and fractional parts of a number. The character depends on the language.
()	Parentheses	Filter(T, A < 10) (1 + 2) * 3	Enforces precedence order, and groups subexpressions in a larger expression
+	Arithmetic operators	1 + 2	Addition
-		2 - 1	Subtraction and sign
*		2 * 3	Multiplication
/		2 / 3	Division (also see the Mod function)
^		2 ^ 3	Exponentiation, equivalent to the Power function
%		20%	Percentage (equivalent to "* 1/100")
=	Comparison operators	Price = 100	Equal to
>		Price > 100	Greater than
>=		Price >= 100	Greater than or equal to
<		Price < 100	Less than
<=		Price <= 100	Less than or equal to
<>		Price <> 100	Not equal to
&	String concatenation operator	"hello" & " " & "world"	Makes multiple strings appear continuous

Symbol	Type	Example	Description
&& or And	Logical operators	Price < 100 && Slider1.Value = 20 or Price < 100 And Slider1.Value = 20	Logical conjunction, equivalent to the And function
 or Or		Price < 100 Slider1.Value = 20 or Price < 100 Or Slider1.Value = 20	Logical disjunction, equivalent to the Or function
! or Not		!(Price < 100) or Not (Price < 100)	Logical negation, equivalent to the Not function
exactin	Membership operators	Gallery1.Selected exactin SavedItems	Belonging to a collection or a table
exactin		"Windows" exactin "To display windows in the Windows operating system..."	Substring test (case-sensitive)
in		Gallery1.Selected in SavedItems	Belonging to a collection or a table
in		"The" in "The keyboard and the monitor..."	Substring test (case-insensitive)
@	Disambiguation operator	MyTable[@fieldname]	Field disambiguation
@		[@MyVariable]	Global disambiguation
,	List separator	If(X < 10, "Low", "Good") { X: 12, Y: 32 } [1, 2, 3]	Separates: <ul style="list-style-type: none"> arguments in function calls fields in a record records in a table This character depends on the language.
;	Formula chaining	Collect(T, A); Navigate(S1, "")	Separate invocations of functions in behavior properties. The chaining operator depends on the language.
As	As operator	AllCustomers As Customer	Overrides ThisItem and ThisRecord in galleries and record scope functions. As is useful for providing a better, specific name and is especially important in nested scenarios.
Self	Self operator	Self.Fill	Access to properties of the current control

Symbol	Type	Example	Description
Parent	Parent operator	Parent.Fill	Access to properties of a control container
ThisItem	ThisItem operator	ThisItem.FirstName	Access to fields of a Gallery or form control
ThisRecord	ThisRecord operator	ThisRecord.FirstName	Access to the complete record and individual fields of the record within ForAll , Sum , With , and other record scope functions. Can be overridden with the As operator.