

```

#! nevermind
? Require "OPToolkit" from "optk.proto"
Program "Operatoren"
  ? Module-Deklaration
  &&mod "Name"
  ? Parser
  #! path
  ? Type-Conversion
  num: Zahl = "3.14" !num
  ? And-Toolkit
  &cos()
  &sin()
  &tan()
  &cot()
  &arccos()
  &arcsin()
  &arctan()
  &arccot()
  &pow()
  &pi() = 3.14...
  &e() = 2.71...
  &hex()
  &bin()
  &num()
  &rad()
  &deg()
  ? Mathematical Operation
  10 + 4 = 14 (plus)
  10 - 4 = 6 (minus)
  10 * 4 = 40 (times)
  10 / 4 = 2 (integer division)
  10 _ 4 = 2.5 (float division)
  10 % 4 = 2 (modulo)
  2 ^ 3 = 16 (power)
  3 $ 16 = 2 (root)
  a++ = a = a + 1
  a-- = a = a - 1
  a$$ = a = 2 $ a
  a__ = a = 1 _ a
  ? Identifiers
  <a> = Variable 'a'
  <~a> = Variable 'a', private
  <a()> = Function 'a'
  <~a()> = Function 'a', private
  ? Equality
  (object|string|num|list|path|bin|hex): name = value
  ? Boolean
  smaller, << smaller
  greater, >> greater
  equal, == equal
  diff, !! different
  ! not
  () condition-limiters
  : TypeOf (var : type)
  ? Keywords

  ? Require "Name" from "Path"
  ? Program "Name"
  ? EndProgram
  ? If (cond)
  ? EndIf

  ? Lists
  [] Empty List
  [a,b,c,...] List containing a,b,c,...
  [] + a Add a to list

```

```
[] - a      Remove a from list
[] \ a      List contains a
[] (a...b)  List Items from a to b
[a...b...c] Step from a to c with step-length b
[a...b]     Step from a to b with step-length 1
[] (...)    Clone List
[] (n...)   From the n-th element
[] (...n)   To the n-th element
[] (n...-m) from n up to the m-th-last-element
? <- this is the Comment mark
```

? Empty lines will be ignored.

? Vartypes

str: Text = "Hallo Welt!"

num: Nummer = 3.14

list: Liste = [1, "2"]

object: Objekt = NewPUI{}

path: PfadZurDatei = /usr/bin/var/

bin: Dual = L000LLLL00 (L/O)

hex: Hexadezimal = ABC123

? Functions:

function: name (attr1, attr2) =>

...

EndFunction

EndProgram