

MathFunctions

- + MathFunctions ()
- + add (double, double)
- + subtract (double, double)
- + multiply (double, double)
- + divide (double, double)
- + square (double)
- + squareRoot (double)
- + cube (double)
- + cubeRoot (double)
- + exponent (double, double)
- + inverse (double)
- + switchSign (double)
- + sine (double)
- + cosine (double)
- + tangent (double)
- + inverseSine (double)
- + inverseCosine (double)
- + inverseTangent (double)
- + factorial (long)
- + logarithm (double)
- + naturalLogarithm (double)
- + inverseLogarithm (double)
- + inverseNaturalLogarithm (double)

CalculatorMemory

- double state
- double memory
- TrigUnits[] unitOrder
- CountingBase[] baseOrder
- int currentUnits
- int currentBase

- + CalculatorMemory (int, int)
- + setState (double)
- + getState ()
- + setTrigUnits (TrigUnits)
- + setTrigUnits ()
- + getTrigUnits ()
- + setCountingBase (CountingBase)
- + setCountingBase ()
- + getCountingBase ()
- + setMemory (double)
- + getMemory ()

InputListener

- scanner
- mathFunc
- calculatorMemory
- isOn
- isErr

- + InputListener (int, int)
- getCommand ()
- getNumberInput ()
- + isRunning ()
- + executeCommand ()
- updateDisplay
- restrictCommands ()
- checkError ()
- checkOverflow ()

<<Enumeration>>
CountingBase

BINARY
OCTAL
DECIMAL
HEXADECIMAL

<<Enumeration>>
TrigUnits

DEGREES
RADIANS