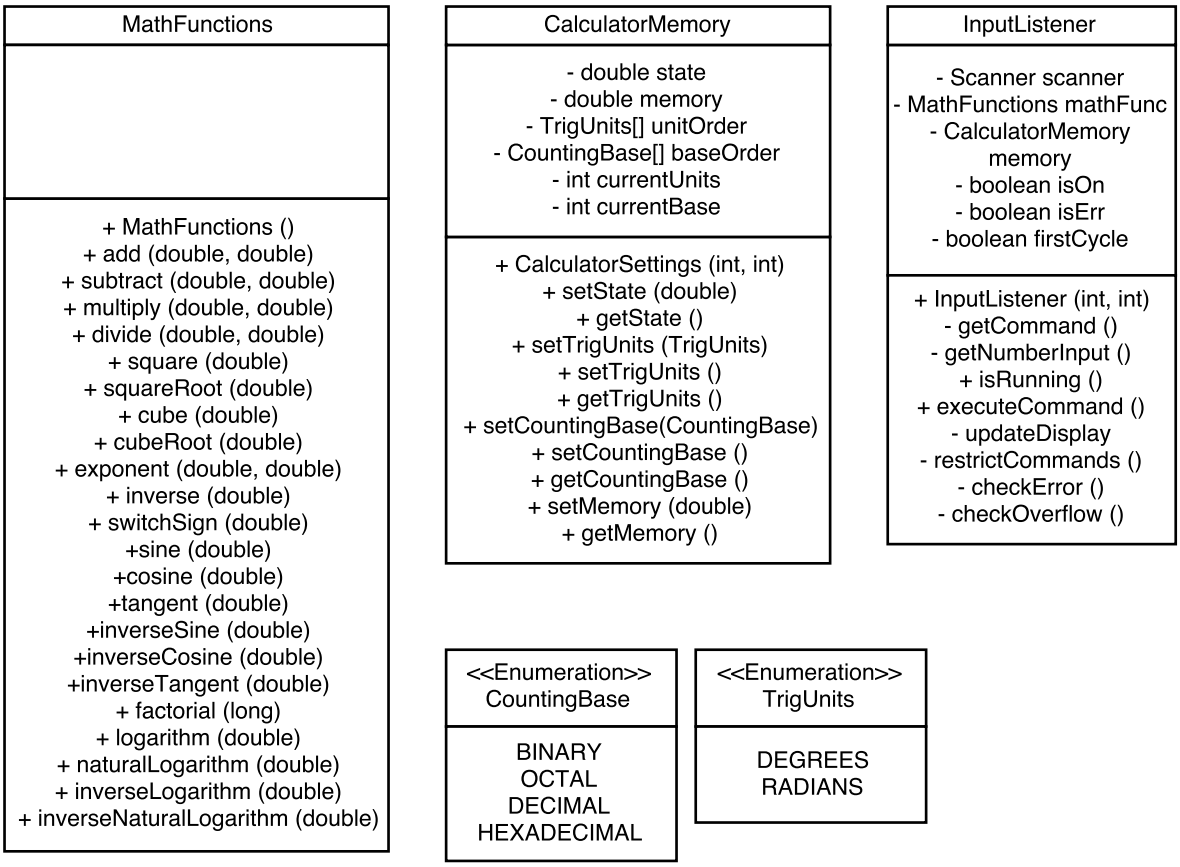
MathFunctions
+ MathFunctions ()
+ add (double, double)
+ subtract (double, double)
+ multiply (double, double)
+ divide (double, double)
+ square (double)
+ squareRoot (double)
+ cube (double)
+ cubeRoot (double)
+ exponent (double, double)
+ inverse (double)
+ switchSign (double)
+sine (double)
+cosine (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
+ CalculatorSettings (int, int)
+ setState (double)
+ getState ()
+ setTrigUnits (TrigUnits)
+ setTrigUnits ()
+ getTrigUnits ()
+ setCountingBase(CountingBase)
+ setCountingBase ()
+ getCountingBase ()
+ setMemory (double)
+ getMemory ()
InputListener
- Scanner scanner
- MathFunctions mathFunc
- CalculatorMemory memory
- boolean isOn
- boolean isErr
- boolean firstCycle
+ InputListener (int, int)
- getCommand ()
- getNumberInput ()
+ isRunning ()
+ executeCommand ()
- updateDisplay
- restrictCommands ()
- checkError ()
- checkOverflow ()
<<Enumeration>>
CountingBase
BINARY
OCTAL
DECIMAL
HEXADECIMAL
<<Enumeration>>
TrigUnits
DEGREES
RADIANS