## multiscale::NumberIterator

- # isInitialised
- # upperBound
- + NumberIterator()
- + ~NumberIterator()
- + init()
- + hasNext()
- + number()
- + reset()
- initialise()
- hasNextInitialised()
- hasNextNotInitialised()
- resetCurrentNumber()

## multiscale::Lexicographic NumberIterator

- upperBoundDigits
- currentNumberDigits
- + LexicographicNumberIterator()
- + ~LexicographicNumberIterator()
- + number()
- initialise()
- hasNextInitialised()
- resetCurrentNumber()
- numberToDigits()
- reverseDigits()
- digitsToNumber()
- isLargerThanUpperBound()
- padWithZeros()

## multiscale::StandardNumber Iterator

- currentNumber
- + StandardNumberIterator()
- + ~StandardNumberIterator()
- + number()
- initialise()
- hasNextInitialised()
- resetCurrentNumber()