Chapter 1

Athens

1.1 Basics

Some handy extensions

```
[ 1 + 2 ] cull: 5      ⟶     3
[ 1 + 2 ] cull: 5 cull: 6     ⟶     3
[ :x | 2 + x ] cull: 5      ⟶     7
[ :x | 2 + x ] cull: 5 cull: 3     ⟶     7
[ :x :y | 1 + x + y ] cull: 5 cull: 2     ⟶     8
[ :x :y | 1 + x + y ] cull: 5     ⤳     error because the block needs 2 arguments.
[ :x :y | 1 + x + y ] valueWithPossibleArgs: #(5)
                    ⤳     error because 'y' is nil and '+' does not accept nil as a parameter.
```

Other messages. Some messages are useful to profile execution (more information on Chapter **??**:

bench. Return how many times the receiver can get executed in 5 seconds.

durationToRun. Answer the duration (instance of Duration) taken to execute the receiver block.

timeToRun. Answer the number of milliseconds taken to execute this block.

Figure 1.1: Non local variable are looked in the method activation context where the block was created and not executed.