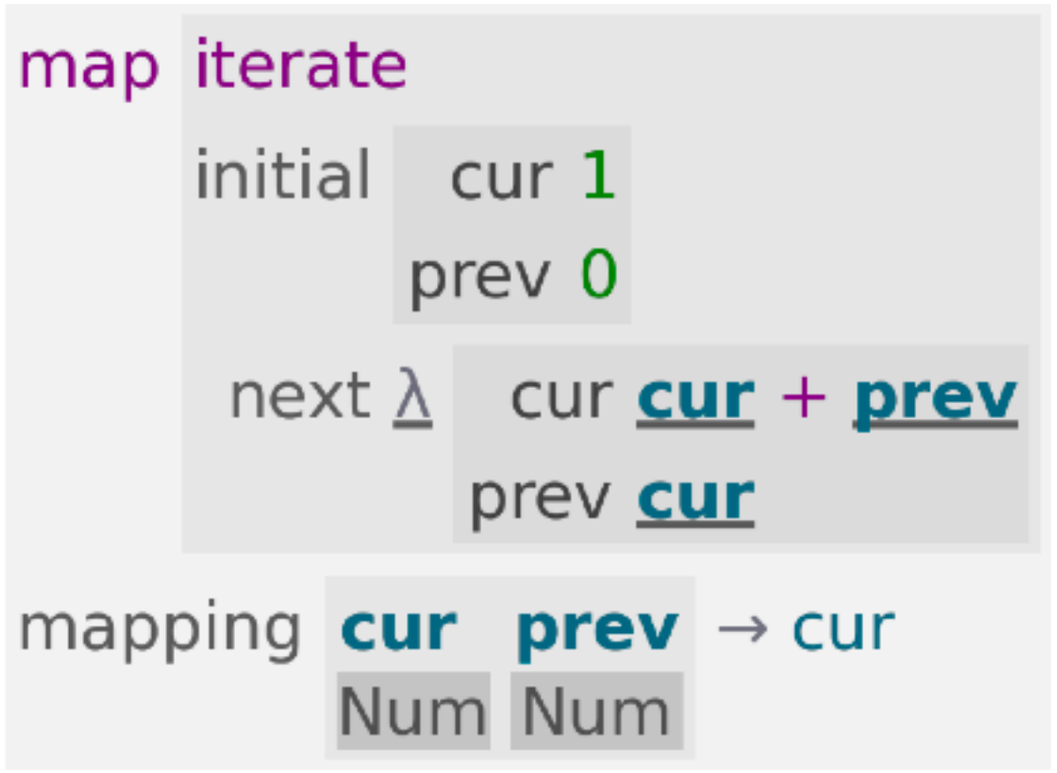
Projectional Syntactic Sugar

Lamdu automatically presents
code with syntactic sugars

Lamdu displays the “next" function using *light lambda* syntax while the “mapping” function is displayed with plain lambda syntax



`go fmt`

Manual Formatting

Programmers maintain whitespace, deciding how to indent their code, split their lines and align function arguments, to make the code readable while fitting the screen width.


```
-     const Rectangle<int> scaled (area * Point<float> (peerBounds.getWidth()  / (float) getWidth(),
-                                                      peerBounds.getHeight() / (float) getHeight()));
+     auto scaled = area * Point<float> (peerBounds.getWidth()  / (float) getWidth(),
+                                        peerBounds.getHeight() / (float) getHeight());
```

A typical C++ code diff. The programmer maintains the spacing manually.

Automatic Layout

- Convenient
- Responsive
- Consistent
- No conflicts

```
factors number bound = if    bound * bound > number: | number :: | «Stream Empty
                       elif  number % bound == 0:    | bound :: | factors (number / bound)
                                                                  ⇒ bound
                       else:                         | factors number
                                                       bound bound + 1
```

```
factors number bound =
                Num    Num
if bound * bound > number:
  | number :: | «Stream Empty
elif number % bound == 0:
  | bound :: | factors (number / bound)
               ⇒ bound
else:
  | factors number
    bound bound + 1
```