

Type Errors

Static typing has many benefits, but usually it adds verbosity and requires deciphering complicated type errors.



Type Mismatches



When creating an expression in a place where its type doesn't match, a fragment is created. The red frame indicates a type mismatch, with the fragment type and expected type both displayed.

```
filter 1 .. 1000
keep x → x % 3
Num
Bool
```



Blame Assignment

Traditionally compilers arbitrarily assign blame - often editing one piece of code results in an error somewhere seemingly unrelated.

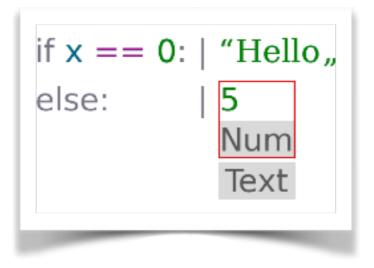




Lamdu uses the order in which code is written for to assign type mismatches to newly written code.



"Hello" typed first





5 typed first