Lamdu is a new IDE and programming language based on these ideas. It stores and edits ASTs via an intuitive WYTIWYS interface.

WYTIWYS
adjective

An acronym for "What You Type Is What You See". Denoting a keyboard based authoring system where the document displayed on screen visually matches the sequence of keys typed to create it.

Let's see some code!

Python:

```python
sum(8./x/(x+2) for x in range(1,10000,4))
```

Lamdu:

```
sum map 1 .. 10000
        step 4
    mapping x → 8 / x / (x + 2)
```