

Generic Programming

- Pretty printing

• Equality

• Traversals

• **Folds**

• Lenses!



Generic Programming

- Pretty printing
- Equality
- Traversals
- Folds
- Lenses!

Lenses

- An abstraction for product-like data structures

```
data Lens s a =  
  Lens { view :: s -> a  
    , set :: a -> s -> s }
```