

Some Agda code

- The natural numbers

```
record  $\Sigma$  { $\ell_1 \ell_2$ } (A : Set  $\ell_1$ ) (B : A  $\rightarrow$  Set  $\ell_2$ ) : Set ( $\ell_1 \sqcup \ell_2$ ) where
  constructor  $\Sigma\_,\_$ 
  field
    pr1 : A
    pr2 : B pr1
```