

1 The Foldable class

```
class Foldable t where
  {-# MINIMAL foldMap | foldr #-}
```

MINIMAL. `foldMap` and `foldr` can be implemented in terms of the other, and other operations of the typeclass can be implemented in terms of either. Define 1 and get a working instance! Some methods have default implementation.

The fact that the numbers in our list have other possible monoid is not relevant once we've specified which operation to use.

With only one value, no need `Monoid` instance.