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REAL KINETIC

YOUR POTENTIAL REALIZED

-- List Functor Instance

```
instance Functor [] where  
    fmap = map
```

-- Maybe Functor Instance

```
instance Functor Maybe where  
    fmap _ Nothing          = Nothing  
    fmap f (Just a)        = Just (f a)
```

-- Either Functor Instance

```
instance Functor (Either a) where  
    fmap _ (Left x) = Left x  
    fmap f (Right y) = Right (f y)
```

With those classes defined
you can now fmap over those
structures.

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    fmap = map
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