

#5462

Deriving clause for arbitrary classes

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#5462: Deriving clause for arbitrary classes

```
data MyList a = MyNil | MyCons a (MyList a)  
  deriving (Show, Eq)
```

#5462: Deriving clause for arbitrary classes

```
{-# LANGUAGE DeriveFunctor #-}  
{-# LANGUAGE DeriveGeneric #-}
```

```
data MyList a = MyNil | MyCons a (MyList a)  
  deriving (Show, Eq, Generic, Functor)
```

#5462: Deriving clause for arbitrary classes

```
{-# LANGUAGE DeriveFunctor #-}  
{-# LANGUAGE DeriveGeneric #-}  
{-# LANGUAGE DerivingViaGenerics #-}
```

```
data MyList a = MyNil | MyCons a (MyList a)  
  deriving (Show, Eq, Generic, Functor, Binary, NFData)
```

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```
{-# LANGUAGE DeriveFunctor #-}  
{-# LANGUAGE DeriveGeneric #-}  
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```

```
data MyList a = MyNil | MyCons a (MyList a)  
  deriving (Show, Eq, Generic, Functor, Binary, NFData)
```

Previously you had to do this:

```
instance (Binary a) ⇒ Binary (MyList a)  
instance (NFData a) ⇒ NFData (MyList a)
```