

Tricky Case: Products

First Attempt

```
instance GHasField field f a
  ⇒ GHasField field (f :: g) a where

instance GHasField field g a
  ⇒ GHasField field (f :: g) a where
```

REJECTED: Due to overlapping instances

Tricky Case: Products

Solution: Say which branch of the product the field is in.

```
instance (GProductHasField field f g a (Contains field f))  
  => GHasField field (f :: g) a where  
  gfield = gproductField @field @_ @_ @_ @(Contains field f )
```