

# 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 )
```

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    GHasField field (f :: g) a where  
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---

```
instance GHasField field l a  
    ⇒ GProductHasField field l r a 'True where  
    gproductField = first <◦> gfield @field
```

```
instance GHasField field r a  
    ⇒ GProductHasField field l r a 'False where  
    gproductField = second <◦> gfield @field
```