


```
class GHasField (field :: Symbol) (s :: * → *) a
  | s field → a where
  gfield :: Lens (s x) a
```


Now of kind $*$ \rightarrow $*$ as this is the type of the generic constructors





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Boring Cases

Ignore the metadata for data types and constructors

```
instance GHasField field s a
  ⇒ GHasField field (M1 D meta s) a where
  gfield = mLens <◦> gfield @field
```

```
instance GHasField field s a
  ⇒ GHasField field (M1 C meta s) a where
  gfield = mLens <◦> gfield @field
```

```
mLens :: Lens (M1 i c f p) (f p)
```