

real_kinetic.com/real_kinetic



REAL KINETIC

YOUR POTENTIAL REALIZED

```
updateRecord
```

```
  : Int
```

```
  -> { a | value : Int, count : Int }
```

```
  -> { a | value : Int, count : Int }
```

```
updateRecord rec newValue =
```

```
  { rec
```

```
    | value = newValue
```

```
    , count = count + 1
```

```
  }
```

```
-- COMPILES: updateRecord 1 record2
```

```
-- COMPILES: updateRecord 1 record3
```

```
-- DOESN'T COMPILE: updateRecord 1 record4
```

```
type alias ValueRecord a b =  
    { a | value : b, count : Int }
```

```
updateRecord
```

```
    : Int
```

```
    -> ValueRecord a b
```

```
    -> ValueRecord a b
```

```
updateRecord rec newValue =
```

```
    { rec
```

```
    | value = newValue
```

```
    , count = count + 1
```

```
    }
```

```
-- COMPILES: updateRecord 1 record2
```

```
-- COMPILES: updateRecord 1 record3
```

```
-- COMPILES:
```

```
    updateRecord "a" { value = "b", count = 0 }
```

```
updateRecord
  : Int
  -> { a | value : Int, count : Int }
  -> { a | value : Int, count : Int }
updateRecord rec newValue =
  { rec
  | value = newValue
  , count = count + 1
  }

-- COMPILES: updateRecord 1 record2
-- COMPILES: updateRecord 1 record3
-- DOESN'T COMPILE: updateRecord 1 record4
```