

# Lens example 3/3

- Going further, use auto JSON marshalling in Jackson:

```
data class BTC(val value: Int) {  
    operator fun plus(that: BTC) = BTC(value + that.value)  
    fun toString(): value.toString()  
}
```

```
class MinedCoin(btc: Btc) {  
    val value = "You have ${btc + BTC(1)} BTC"  
}
```

```
val btcPath = Path.int().map(::BTC).of("btc")  
val jsonBody = Body.auto<MinedCoin>().toLens()
```

```
val miner: HttpHandler = CatchLensFailure.then(  
    routes(  
        "/mine/{btc}" bind GET to { r: Request ->  
            val mined = MinedCoin(btcPath.extract(r))  
            jsonBody.inject(mined, Response(OK))  
        }  
    ))
```

# Server as a Function. In Kotlin.

