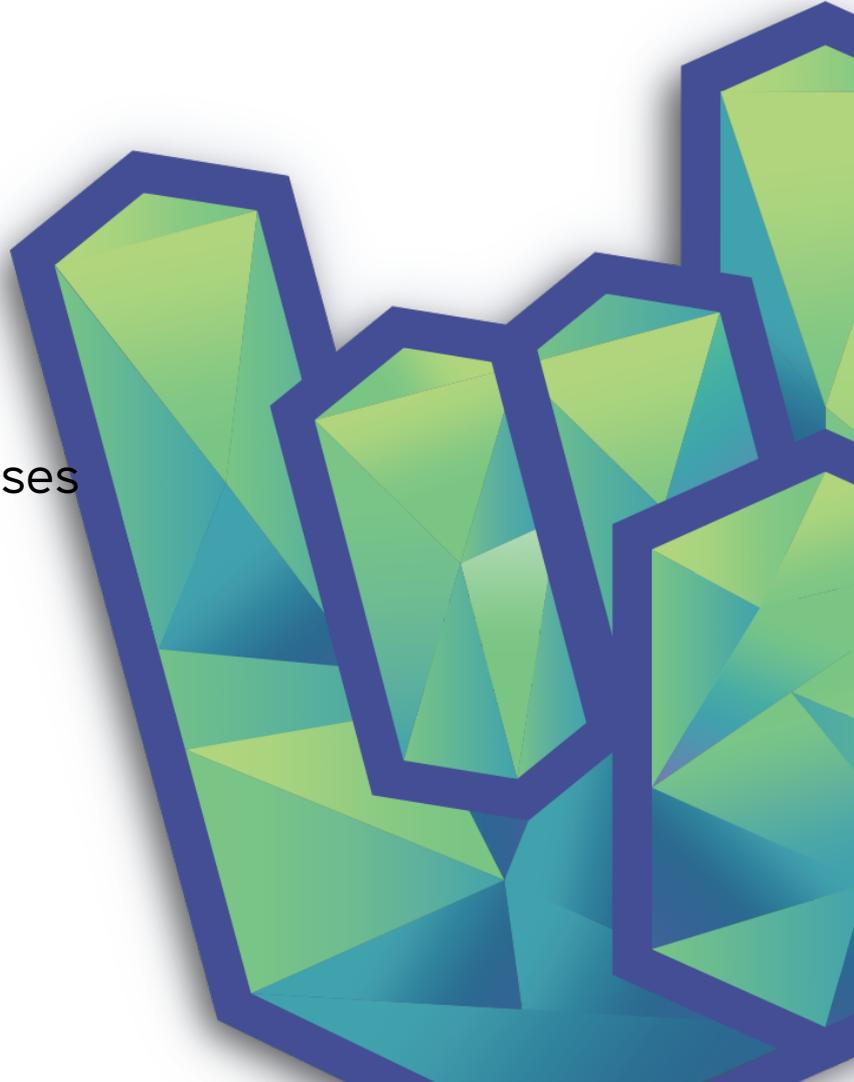


# Low-level API & JSON



# Goal

Handle JSON payloads in requests/responses  
with `spray-json`



# Recap

Marshalling: convert data to a "wire" format

```
case class Guitar(make: String, model: String)
```

```
import spray.json._  
trait GuitarJsonProtocol extends DefaultJsonProtocol {  
  implicit val guitarFormat = jsonFormat2(Guitar)  
}
```

Pass a JSON string in an HTTP response's payload:

```
Guitar("Fender", "Stratocaster").toJson.prettyPrint
```

Extract data from a JSON in an HTTP request's payload:

```
val guitarAsJson = strictEntity.data.utf8String  
val guitar = guitarAsJson.parseJson.convertTo[Guitar]
```

**Akka rocks**

