**How to save JSONObject in DynamoDB?**

Let’s understand JSONObject first. JSONObject at highlevel has 2 datatypes.

1. Simple datatype
   1. String
   2. Number (Integer, Float, any number)
   3. Boolean
   4. Null
2. Complex datatype
   1. Another JSON
   2. JSON-Array

Complex Datatype can internally have any number of simple, complex datatype.

DynamoDb does not allows Empty(“”) in value.

**Code to Save JSON in DynamoDB**

**for** (String keyStr : requestJSON.keySet()) {

Object valueObj = requestJSON.get(keyStr);

**if** ("".equals(valueObj.toString()) && skipEmpty) {

*LOG*.warn("Ignoring the save for the Key " + keyStr + " as the value is null/empty");

} **else** **if** (JSONObject.***NULL***.equals(valueObj)) {

item.withNull(keyStr);

} **else** **if** (valueObj **instanceof** JSONArray || valueObj **instanceof** JSONObject) {

item.withJSON(keyStr, valueObj.toString());

} **else** { // For String, Number and Boolean

item.withString(keyStr, valueObj.toString());

}

}