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Serialization

This apply will demonstrate the key's JSON serialization, and verify deserialization integrity.

Raw Json

Code from [SerializationTest.java:89](#) executed in 0.00 seconds (0.000 gc):

```
final JsonObject json = layer.getJson();
@Nonnull final Layer echo = Layer.fromJson(json);
if (echo == null) throw new AssertionError("Failed to deserialize");
if (layer == echo) throw new AssertionError("Serialization did not copy");
if (!layer.equals(echo)) throw new AssertionError("Serialization not equal");
echo.freeRef();
return new GsonBuilder().setPrettyPrinting().create().toJson(json);
```

Returns:

```
{
  "class": "com.simiacryptus.mindseye.layers.cudnn.LRNLayer",
  "id": "ba619c8e-b821-4d75-8bdc-229460f83e8a",
  "isFrozen": true,
  "name": "LRNLayer/ba619c8e-b821-4d75-8bdc-229460f83e8a",
  "alpha": 0.00109999999940395355,
  "beta": 0.5,
  "k": 2.0,
  "width": 11,
  "precision": "Float"
}
```

[Wrote Model to LRNLayer_getLogcom.simiacryptus.mindseye.test.unit.SerializationTest.json; 291 characters](#)