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Layer Recipes

The Layer classes are in the [geoscript.layer](#) package.

A Layer is a collection of Features.

Getting a Layer's Properties

Get a Layer from a Workspace and it's name

```
Workspace workspace = new GeoPackage("src/main/resources/data.gpkg")
Layer layer = workspace.get("countries")
String name = layer.name
println "Name: ${name}"
```

```
Name: countries
```

Count the number of Features

```
int count = layer.count
println "# of Features: ${count}"
```

```
# of Features: 177
```

Get the Layer's Projection

```
Projection proj = layer.proj
println "Projection: ${proj}"
```

```
Projection: EPSG:4326
```

Get the Bounds of the Layer

```
Bounds bounds = layer.bounds
println "Bounds: ${bounds}"
```

```
Bounds: (-179.99999999999997, -
90.000000000000003, 180.00000000000014, 83.64513000000002, EPSG:4326)
```