

# Table of Contents

Projection Recipes .....	1
Creating Projections .....	1

# Projection Recipes

## Creating Projections

### *Create a Projection from an EPSG Code*

```
Projection proj = new Projection("EPSG:4326")
println proj.wkt
```

Unresolved directive in projection.asciidoc -  
include::output/projection\_createprojectionfromepsg.txt[]

### *Create a Projection from a WKT Projection String*

```
Projection proj = new Projection("""GEOGCS["WGS 84",
DATUM["World Geodetic System 1984",
    SPHEROID["WGS 84", 6378137.0, 298.257223563, AUTHORITY["EPSG","7030"]],
    AUTHORITY["EPSG","6326"]],
PRIMEM["Greenwich", 0.0, AUTHORITY["EPSG","8901"]],
UNIT["degree", 0.017453292519943295],
AXIS["Geodetic longitude", EAST],
AXIS["Geodetic latitude", NORTH],
AUTHORITY["EPSG","4326"]]""")
```

Unresolved directive in projection.asciidoc -  
include::output/projection\_createprojectionfromwkt.txt[]

### *Create a Projection from well known name*

```
Projection proj = new Projection("Mollweide")
println proj.wkt
```

Unresolved directive in projection.asciidoc -  
include::output/projection\_createprojectionfromname.txt[]