2.1.x

The GeoTools 2.1.x release is a stable branch no longer under active development.

Resources

- Bring Back FeatureCollection — you should have your coffee before reading this
- FeatureTypes for GML — deal with the lacking aspects of our Feature model that are highlighted by David's GML parser
- Grid Coverage Exchange Design — implementation for Grid Coverage Exchange
- Grid Coverage Update — A refactoring of org.geotools.gc.
- Road Map to 2.1
- Shapefile Index Support — individual row in a shapefile in O(1) time
- Upgrade to 2.1
- WFS GML DataStore — overview of the design

Downloads

Avaiable 2.1 Downloads:

- 2.1.0
- 2.1.1
- 2.1-M0
- 2.1-M1
- 2.1-M2
- 2.1-M3
- 2.1-M4
- 2.1-M5
- 2.1-RC0
- 2.1-RC1

Since this release is passing out of active maintence (you can always volunteer if you need a patch) we can only recommend this release for very conservative, or those working with an applicaiton based on GeoTools 2.1.1.

GeoTools 2.1 At A Glance

Who Should Use 2.1.x

The GeoTools 2.1.x releases are used by:

- uDig 1.0 uses these releases
- GeoServer 1.3.0

The last release on this branch is 2.1.1.

Updating from 2.0.x to 2.1.x

Geotools 2.1 has the following planned changes you should be aware of:

- the removal of methods deprecated in 2.0
- port to GeoAPI Coordinate Reference System

> ✅ For quick feedback change you compiler settings to make the use deprecated methods an Error.

CRSService and CoordinateReferenceSystem

The functionality formally known as CRSServices is available in three places:

1. org.geotools.geometry.JTS
    - JTS.transform(Envelope, MathTransform)
2. org.geotools.referencing.CRS
    - CRS.decode("EPSG:1234")
    - CRS.transform(from, to)
3. org.geotools.feature.FeatureTypes

This represents the most significan change yet to GeoTools 2, thanks to everyone for their support.

Deprecated

- JDBCDataStore - now requires the use of Andrea's fid changes
- DefaultQuery - always requres a specific typeName