

2.4.x

GeoTools 2.4.x is currently under active development on trunk; and should be considered unstable.

The GeoTools 2.4.x branch is focused on:

- Quality Assurance – particularly for datastores
- Consistency – focus on consistent use of Factories

The real goal here is to fix the problems that prevented the [Feature Model Branch](#) from merging successfully. For more information please review [GTSteering.pdf](#) and 2007 Q1.

Overview

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Resources

- [GTSteering.pdf](#)
- [2007 Q1](#)
- [Add a dispose method to DataStore API](#)
- [Add hints support to Query object — Query,Hint,Generalization,Fetch](#)
- [Allow redirection to alternate logging API — You are debugging GeoTools, in a J2EE application, do you know where your logs are?](#)
- [Catalog Improvements](#)
- [Change handling and stability keeping procedures — Keep trunk stabled like an elephant](#)
- [Cleaning up dependencies between various modules and coverage](#)
- [Connection pool subsystem upgrade](#)
- [DataSource Hint for EPSG — Publish / Find / Bind for EPSG Authority](#)
- [Expression Improvements](#)
- [Fix the Docs — documentation for users](#)
- [Provide Parsers in a consistent fashion — lexify this \(bad object pun\)](#)
- [ReferencingFactoryFinder incompatible change](#)
- [SQLEncoder Upgrade to GeoAPI Filters](#)
- [Tile Server Client](#)
- [Update Style Interfaces to use GeoAPI Filter — Keeping stylish](#)
- [Upgrade to 2.4](#)
- [XML-XSD To Supported](#)

Downloads

Available 2.4 Downloads:

- [2.4.0](#)
- [2.4.1](#)
- [2.4.2](#)
- [2.4.4](#)
- [2.4.5](#)
- [2.4-M0](#)
- [2.4-M1](#)
- [2.4-M2](#)
- [2.4-M3](#)
- [2.4-M4](#)
- [2.4-RC0](#)

File

Modified ▲

No files shared here yet.

Status

The following issues are critical and represent steps that must be taken before 2.4-RC0 can be released.

P	Key	Summary
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No issues found

The following issues are critical and represent steps that must be taken before 2.4.0 can be released.

P	Key	Summary
No issues found		

For the complete list of tasks scheduled for the 2.4.x release:

- [0 issue](#)

Volunteers are needed - in particular help is needed for:

- [Feature Model Preparation](#)

Planning

- [GTSteering.pdf](#)
- [2007 Q1](#)
- [2007 Q2](#)

Goals

The following steps are to be taken as part of the 2.4 development effort.

- Reduction of supported library to working data sources
 - test: DataStore Conformance Test
 - test: coverage check - developers guide requirement
 - test: GeoResourceInfo implementation
- move other plugins to community section
- Clear support for use of factories at the datastore level
 - test: ability to create POJO from shapefile
- Creation of Grid Coverage data access API
 - test: Service and GeoResource handles

Sponsor Goals

The Refractions/uDig focus is on data source quality - specifically:

- Performance suitable for analysis work
 - $O(\log N)$ performance on data source operations
 - $O(1)$ on metadata requests such as bounds
 - Event notification
- Storage of common types (boolean, TM_Instant, etc...)

For GeoServer/GeoSolutions the focus is on GridCoverage formats:

- Additional Formats (shared with 2.3.x branch)
- (started) Definition of a API for Grid Coverage discovery and access
 - need to ensure Service/GeoResource handle compatibility

For GeoServer/Social Change Australia (transitional work to revised FM):

- need Factory injection situation cleared up
 - delegate to "FeatureBuilder" interface

For TOPP/GeoServer the focus is again on quality:

- QA and consistency to keep the library from falling apart



For Axios/GeoServer/uDig there are a few key fixes:

- (done) Parsing support for common literal types (boolean, temporal, etc)

Un-sponsored Goals

The following work is critical to the success of GeoTools but has not attracted sponsorship - if you can help out please jump on the mailing list and let us know.

- User Guide
 - (started) <http://www.geotools.fr/manual/geotools.xhtml>
 - (started) <http://docs.codehaus.org/display/GEOTDOC/Home>

- clean out old user docs
- OSGeo Incubation completion
 -  providence review
 - (ongoing) (c) Open Source GeoSpatial Foundation
- XML Parsing
 -  GTXML QA checks and Documentation requirements for inclusion in 2.4

Details

Project Structure

We have changed the project structure .. the chief change is the creation of an "unsupported" directory:

- modules for research projects
- modules that do not meet project policies; such as user documentation or test coverage