RnD

The following ideas are being thought about, when a developer actually makes a branch they will be sorted under their expected release.

- Critical Errors in OGC's GML 3.1.0
- Evaulating Modeling Options
- Community Schema Road Map
- Complex Feature Roadmap 08 — The Complex Feature plan
- Curves in ISO19107
- Custom Symbols for MIL2525B and EmergencyResponse
- Datastore caching
- Demo Mockup
- EDIGéO module
- Fried Egg
- GeoGit DataStore
- Geometry transformations in SLD
- GeoRest module
- GeoTools filter cleanup
- GML3 DataStore
- GPX module
- GUI Architecture
- idgen support for WFS 1.1 transaction request
- ISO Geometry Research
- J2EE and Connection Pools
- Mad Staging Area Idea
- Map, Layer, Data and Rendering Architecture — For the GeoWidgets project
- Meta Information Infrastructure — defined the data model of the system in terms of the
- Multidimensional Georegistered Grid
- OGC WMS 1.3.0 as example of Portrayal Service
- Process API
- Public Domain GeoTiff plugin
- Rendering Optimization
- Streaming Renderer Maintainability
- Swing Planning
- Temporal Filter Support
- Topology Framework
- VersioningDataStore API
- WFS 1.1 DataStore — This page outlines the current project to develop a WFS 1.1 capable
- World Dataset Projection
- Android
- Parameter Interaction

Archived Ideas

Idea	GUI Architecture	
idea	Process API	JAI for Features
Idea	Meta Information Infrastructure	

Idea	World Dataset Projection	Correctly project and draw world datasets
Idea	3D Geometry and Rendering ideas	Use the same 1D/2D/3D geometric objects as basis for both 2D and 3D rendering (Java2D/Java3D/other?)
Proposal	Topology Framework	A proposal for a topology framework which could bind FM and JTS in both uDIG and GeoServer environments
UCOSP	Geotools support for Ingres Database	One of the UCOSP Project teams' project is to add support for Ingres database to Geotools