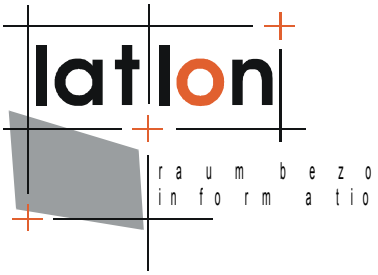

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Change Log for deegree 2.2 to 2.3

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Inhaltsverzeichnis

1 critical bugs

1.1 MODULE: WFS

- Fix NPE if GetGmlObject request is not configured.

1.2 MODULE: WMS

- LOCALWFS datasource did not work for WMS 1.1.1 configuration because some variables has not been initialized

1.3 MODULE: CRS

- don't get the class it will destroy the asSubclass

2 major bugs

2.1 MODULE: WFS

- Fixed sporadical occurrence of "ERROR: current transaction is aborted, commands ignored until end of transaction block)." This was caused if a connection with autocommit=false got broken by an erroneous SQL statement. Setting autocommit=true for all connections returned to the pool.
- Fixed synchronization issues. Synchronization is done on the actual resources (the db connections).
- Fixed synchronization issues. Always allow for release of resources to prevent deadlock.
- Fixed synchronization issues. Cleaned up multiple nested synchronize blocks.

2.2 MODULE: OTHER

- geometry conversion has been fixed
- BoundingBox swapped min and max coordinates, so a raster layer has bee draw bottom to top

2.3 MODULE: TOOLS

- the program did not work anyhow

2.4 MODULE: WCTS

- strange to explain; after checking out classes did not compile because of some invalid things in file comments

2.5 MODULE: IO

- using old school update mechanism if the given feature is complex

2.6 MODULE: ENTERPRISE

- Added some more workarounds for the dreaded class loader leaks.

2.7 MODULE: CSW

- wrong class reference removed

2.8 MODULE: WPVS

- use default value for gml:id if it can not be read from city gml file

2.9 MODULE: OWS, IGEOPORTAL

- avoid infinite regress mapping servlet request to a map

2.10 MODULE: WCS

- Fixed painting of coverages, removing strange white lines.

2.11 MODULE: FRAMEWORK

- Fixed bug #824 by replacing file with revision 11765.
- Corrected scale calculation once again.
- Reverted scale calculation for WMS 1.1.1.
- calculation of scale (according to WMS spec) was wrong by a factor of 1.41

2.12 MODULE: CRS

- Fixed memory leak since tomcat cannot delete classes properly.
- don't get the class it will destroy the asSubclass

3 code enhanced

3.1 MODULE: COMMONS

- added a new Projected CRS with a Mercator projection to the crs xml configuration file. Made some tentative changes in CRSParser and Projection classes.
- Security db synchronization tool for generic LDAP (non-ActiveDirectory)

3.2 MODULE: WFS

- preparations for the integration of MySQLDatastore
- Added MySQLDatastore for MySQL spatial.
- Improved support for multiple-column feature ids. Thanks to Michiel.
- Skip identification of identical features if identityPart is set to true for the gml:id.
- Feature disambiguation is now performed during insert validation, i.e. before the database transactions are acquired. This way, they are held for a shorter period of time.
- Added auto detection for capabilities version.
- Improved insert rows merge performance, added debug output.
- Improved interoperability with non-namespace aware WFS clients by binding default namespace in WFS GetCapabilities-responses (instead of using wfs prefix).
- Be more tolerant about properties in the GML namespace and ignore them if they are not present in the feature type declaration.
- Added option to switch EPSG 4326 coordinate axis, enabling passing of WFS 1.1.0 beta tests!
- Added GetGmlObject support for features and geometries.
- Enable resolving of xlinks for GetGmlObject requests.
- Added mandatory comment when resolving links.
- Enabled xlink resolving for GetFeature requests.
- WFSCapabilitiesDocument#parseCapabilities() respects version now.
- Use local part of feature type name if no title is present.
- Added capability to configure support for external references.

- Added capability to Insert external references.
- Added GetFeature support for simple xlinked external features.
- Moved remote xlink handling to GML framework.
- Enhanced xlink capabilities, fixed problems with nesting depth.
- Final fixes to make WFS 1.1.0 with Xlink compliant.
- Adding support for WFS Replace operation.
- Make PropertyIsLike on DATE columns work on PostGIS 8.3+.
- Fixed exporting of large coordinates strings as GML 2.
- Added Reijer's hack to work around the multi connection problem. See http://sourceforge.net/mailarchive/message.php?msg_name=4ACB1860.1060908%40idgis.nl
- Evaluate ows:Name in ServiceIdentification (non-standard, added to support Name element in WFS 1.0.0 capabilities).
- Return gml:boundedBy even if no (or not all) geometry properties are queried.

3.3 MODULE: PORTAL

- CSW client queries the metadata correctly and also it can now search for children datasets
- add scaleHint info from WMS to layer element in client
- change context creation to enable proper handling of ScaleHint values. (jmays)
- add MetadataURL to layer info for retreival in csw client
- add debug statement for simple search
- add application attribute to enable identifycation of igeoportal servlet in jsp pages
- support for layer extension element 'identifier' added
- download WFS data for spezified WMS layers now working on linux. fixed handling of directories and files
- add email specific params (SMTP settings); add init params (default number of features returned in a WFS GetFeature request).
- Download-module enhanced with init param TEST_MAX_HITS

- enable setting a root path as parameter; enable overwriting scale calculation
- read geometry type name from WMC
- So far, the scale hint of a layer was only read from web map context document. Now, if this does not yield a result, it will be read from WMS capabilities.
- avoid api change, set old constructor to deprecated, indicating the proper new use

3.4 MODULE: TEST

- added a cached transformation test using the crs provider
- added the lambert 11 test
- added some accuracy test

3.5 MODULE: WMS

- DATABASE backed layers can now be requested/configured with custom SQL query.
- SQLTEMPLATES parameter can also be used in conjunction with 'normal' layers.
- Using regex to check incoming SQL.
- Better error messages for cascading GetLegendGraphic requests.
- Added debugging of 1.3.0 transformed conf doc.
- Added proper parsing/output of dimension elements for WMS 1.3.0.
- Re-enabled the regex to prevent transactions in sql requests.
- Added TIME/ELEVATION support.
- Added support for image/png; mode=8bit.
- Changed the 8bit PNG support to one with better colors, but without transparency.
- Added elevation support for raster layers.
- Reworked thread handling for GetFeatureInfo.
- Removed useless inner class.
- Added possibility to generate 'shaded' images from raster data.

- Added transparency support for PNG8.
- Halved the size of PNG8 images by using ImageIO.
- Added DATABASE datasource type to WMS 1.3.0 configuration docs.
- Enhanced performance of WMS by up to 50% when requesting ~10 layers in a bbox other than WGS84...
- Added possibility to set brightness using se:ContrastEnhancement/se:GammaValue.
- Added possibility to use files as predefined response for GetFeatureInfo requests.
- Implemented perpendicular offset for line labelling.
- Added capability to use TIME and ELEVATION for PostGIS based database layers, in a very limited manner.
- Added usage of default values for 1.1.1 dimensions.
- finished implementation for supporting external data sources that are not directly known by deegree
- make native CRS and default datetime configurable
- configuration for tile root and legend URL added
- Added TIME/ELEVATION support for GFI.
- Added capability for WMS 1.1.1 configurations to use localwfs based time/elevation dimensions.
- change handling (width, height) of legend graphics in dataaccess for OSM maps
- Added capability to use sortby clauses for WFS datasources, from another patch provided by Reijer.
- Extracted another piece of the 'rendering' into a separate method.
- Updated simple filterproperty/-value VSP to use multiple values if given.

3.6 MODULE: OTHER

- Added new messages for enhanced portal components.
- Added editing of object names.
- Unused imports deleted
- Fixed/enhanced some error messages, encoding in security i18n files.
- Enhanced functionality. The tests start at :00, or :15, :30 minutes exactly.

- Enhanced functionality. The tests start at :00, :15 or :30 minutes exactly.
- Using predefined WGS84.
- Added a tomcat time down report. Removed unused function
- Added a tomcat time down report email. code enhanced
- Improved stability of the reader by skipping broken likes.
- Improved reader to skip broken lines.
- Added deegree ogc namespace.
- We do not need to see a stack trace when it rains...
- Added better debugging messages.
- removed automatic image loading when setting onlineresource from ExternalGrahic. Instead a image will be loaded when it is accessed the first time
- Made everything (almost) serializable. To complete, some
- Added possibility to use $BBOX as placeholder for the missing WHERE clause part.
- Made Font constructor public, fixed type parameters.
- Added logging of stack trace.
- RasterSymbolizer should implement Marshallable to avoid exception when exporting a rule as xml
- added namespace prefix for xml exported RasterSymbolizer
- Added usage of transparency for labels.
- exception during rendering now will be thrown as RuntimeException
- made constructor public
- support for lazy feature loading added
- Made shape file API more tolerant wrt uppercase filenames.
- avoid requesting a feature collections size more than one time
- enhance message text when throwing a RuntimeExcption creating display element from lazy raster
- LOG-Statements to database loaders added

3.7 MODULE: COVERAGE

- extracted width/height calculations

3.8 MODULE: TOOLS

- better output of the transformation status
- debug statements added logging pathes of created temporary files
- Starting right ahead, closing opened streams (ImageIO.read does not close streams!).
- Added another info line.
- Added capability to process several layers.
- Added better, parseable logging.
- enable overwriting internal sec.properties by putting a file with the same name into classpath root
- Added fix option to Paver.
- Added parameters for overriding srs and pkey information from command line.
- Added -f parameter, no ds + style for unnamed layers.
- Use feature type name upper case always.
- Made the tool more failsafe.
- Added exporting of scale hints.
- Added outputting of LOCALWCS data sources.
- Changed raster layers to "RasterLayer" to avoid loading non-functional layers.
- Add app: prefix for property names if none was found.
- DBSchemaToDatastoreConf has now a paramater, where it is possible to omit the creation of a property on FID fields.
- fix usage output: adjust java class name to current name (was de.latlon...)
- Added proper CLI.
- Added checking for layers/feature types.
- assignRoleWithUser method to DRMAccess added
- enabled to specify an absolute path to tile cache dir.

3.9 MODULE: MODEL

- using Transformation class instead of CRSTransformation
- using the new Transformation Api
- buffer calculation enabled
- method added that enables more detailed control of buffering operation
- Improved error message when segment boundaries don't match.
- read world files from streams
- Changed soundex calculation to the one from apache commons.
- second identifier GOOGLE_MAPS added for mercator projection describing OSM slippy maps
- improved the shifting of the points (in order to avoid large floating point values): now shifting so that the midpoint (on each axis) is zero

3.10 MODULE: SECURITY

- Enhanced the drm-admin related portal components to handle service specific rights.
- Added capability to update services.
- Added capability to change services' title and address.
- Added encoding info when starting owsproxy.
- Added deprecation message when using old OWSProxy.
- avoid a possible nullpointer
- add debug statements for constraintsMap
- use generics
- logging enhanced

3.11 MODULE: CSW

- added synchronized to the create methods
- added support to couple service- with metadatasets
- externalized eMail message
- use logger to write a debug file instad of FileUtils, to avoid FileNotFoundExceptions

- support of harvesting in CSW 2.0.2
- support of correct resourceType in the harvest request

3.12 MODULE: ENTERPRISE

- Added heuristic to set the java property context.name upon startup
- Added logging of XML parser implementation and XSLT engine in use.
- Outut a warning when an empty address is configured.
- Added parameter to remove credentials from proxied GET requests.

3.13 MODULE: OWS, IGEOPORTAL

- centralized mapping ServletRequest parameters to java.util.Map

3.14 MODULE: FRAMEWORK

- useless synchronized statements removed
- the log.logdebug method checks if in debug mode first
- support for mysql added
- support for milliseconds added for creation of ISO 8601 compliant strings
- Calc sqrt(2) instead of hardcoding it.
- Added pretty printing for XML string fragments.
- Added TIME support for MySQL and Oracle (untested).
- method for printing current stacktrace added
- removed deprecated declaration for scale method because scale for WMS 1.1.1 and WMS 1.3.0 are not useable for WMPS
- Sometimes getTextContent returns not null as opposed to getNodeValue.

3.15 MODULE: CRS

- made Identifable

- the crs.configuration property is now settable as well as configurable over the System.getProperty
- the gml provider uses the common crs provider layout
- added mercator tests
- added test for the loading of all projections
- up casing everything is a bad idea
- added the google maps projected crs
- upcased urn: from wgs 84

3.16 MODULE: WPS

- Get correct error messages

3.17 MODULE: WASS

- Added capability to use remote WAS for authentication.

3.18 MODULE: WCTS

- The wcts is now able to handle requested / publish configured Transformations as well as the default source/target crs. A new metadata definition have been created to support this feature.
- added cache deletion

3.19 MODULE: BASE

- improved/unified the collinearity tests. Added shifting down of points -strategy to reduce floating point errors. Otherwise formatted some methods to satisfy the aforementioned changes.
- a simpler solution to the "vectorByAngle problem"

3.20 MODULE: CRS

- added the parsing of mercator projections

- handy method for checking a single id
- retrieving a transformation can be done by using the api. Removed sysos
- equals ignore case

3.21 MODULE: WPVS

- enable configuration for scene antialiasing
- finer grain of texture filtering configuration
- configure lighting
- configure aa, lighting and texture filtering
- rendering attributes
- creation of heightmap

3.22 MODULE: WCS

- first version of support for invoking external scripts as WCS datasource added
- support for timestamp for script based datasources added

3.23 MODULE: OWSCOMMON_1_1_0

- The wcts is now able to handle requested / publish configured Transformations as well as the default source/target crs. A new metadata definition have been created to support this feature.

3.24 MODULE: WMPS

- support for png as output format
- including the option to have a jasper specific namespace in printtemplates
- assigning a worldfile to temporary map image