

RELEASE-NOTES-2.1.3.TXT

Release Notes -- Apache Geronimo -- Version 2.1.3

Geronimo URLs

Home Page: <http://geronimo.apache.org/>
Downloads: <http://geronimo.apache.org/downloads.html>
Documentation: <http://geronimo.apache.org/documentation.html>
Mailing Lists: <http://geronimo.apache.org/mailling-lists.html>
Source Code: <http://geronimo.apache.org/source-code.html>
Bug Tracking: <http://issues.apache.org/jira/browse/GERONIMO>
Wiki: <http://cwiki.apache.org/geronimo>

Documentation

Please see <http://cwiki.apache.org/GMOxDOC21/documentation.html> for the latest documentation on this release.

System Requirements

You need a platform that supports the Sun JDK 5.0+ (J2SE 1.5.0+) or greater.

Most testing has been done on Linux, Mac OS X, and Windows.

Geronimo 2.1 Enhancements

Custom server assemblies

- Lightweight server assemblies may be created that contain only the functional components required by your application(s).

Flexible admin console

- The admin console is now component-based to mirror the server capabilities. This allows the admin console to provide flexible administrative capabilities that will mirrors the capabilities of a custom server assembly.

GShell

- GShell is a command-line processing environment that can be used for the execution of Geronimo commands. GShell is an extensible environment and includes support for editing, command history, and tab completion.

Clustering Support

- WADI can now be used to support clustering of web applications for Geronimo configurations which use the Tomcat Web Container (WADI support for Jetty was in previous releases).
- Applications can be deployed to administratively-defined groups of Geronimo servers

Monitoring Console Plugin

- The monitoring console plugin provides monitoring support in the Geronimo admin console. The monitoring console can gather statistics and performance data from multiple Geronimo servers and graphically display this data to users.

Plan Creator

- Plan Creator is a new portlet added to admin console to simplify the creation of Geronimo specific deployment plans. Given a web application archive (war), Plan Creator walks the user through a sequence of steps and generates geronimo-web.xml automatically.

Geronimo 2.1.3 Issues Resolved

** Bug

- * [GERONIMO-4292] - Monitoring console is pulling in DWR 2.0.1
- * [GERONIMO-4291] - Unable to deploy tomcat app with WADI Cluster
- * [GERONIMO-4285] - The simple mode of server command general option --syserr and --secure is same

- * [GERONIMO-4277] - Upgrade to Genesis-1.3.1
- * [GERONIMO-4276] - openejb-jar-2.2.xsd missing from the schema subdirectory
- * [GERONIMO-4275] - PCEnhancer java.lang.OutOfMemoryError: Java heap space
- * [GERONIMO-4273] - add postgresql-8.2 to the auto driver download list
- * [GERONIMO-4266] - Upgrade to DWR 2.0.5 for XSS security fix
- * [GERONIMO-4262] - Include patched build of AMQ 4.1.2 to resolve AMQ-1272 security exposure
- * [GERONIMO-4253] - Server logging similar exceptions for AxisFaults and for unexpected errors
- * [GERONIMO-4245] - Upgrade to Tomcat 6.0.18 to pickup security fixes
- * [GERONIMO-4231] - Build exception: java.net.MalformedURLException: no \!/ in spec
- * [GERONIMO-4227] - Incorrect message is show even if the deployment failed in the web console
- * [GERONIMO-4224] - Outofmemory exception thrown by WebAccessLogViewer if the access log file size is too large, such as more than 200M
- * [GERONIMO-4218] - NullPointerException in ConnectorModuleBuilder
- * [GERONIMO-3793] - "Not Known To This Context" JAXBException when attempting to return complex data type from a @WebMethod
- * [GERONIMO-3469] | From console: database pool doesn't work well if the name contains a / like jdbc /EmployeeDataSource |

** Improvement

- * [GERONIMO-4288] | Upgrade to OpenJPA 1.0.3
- * [GERONIMO-4272] | Upgrade to geronimo-javamail_1.4_mail-1.6
- * [GERONIMO-4271] | Allow plugins with dependencies on older geronimo 2.1.* components to install on Geronimo 2.1.3
- * [GERONIMO-4235] | JNDI search should be case-insensitive by default
- * [GERONIMO-4228] | install plugin from deploy tool doesn't honor load="false"
- * [GERONIMO-4181] | Upgrade derby to 10.4.1.3
- * [GERONIMO-3759] | Geronimo Tomcat Clustering - No GBeans for adding Static Members

** New Feature

None.

Certification Status

 Apache Geronimo v2.1.3 has passed 100% of SUN's Java Enterprise Edition 5.0 Certification Test Suite. See "Distributions" for further details.

Distributions

 Apache Geronimo v2.1.3 is available in five distributions so you can pick the one that best fits your environment.

The available distributions are as follows:

Certified distributions:

- Apache Geronimo with Tomcat web container, AXIS2 for Web Services and OpenJPA for persistence.
- Apache Geronimo with Jetty web container, CXF for Web Services and OpenJPA for persistence.

Non-Certified distributions:

- Little-G with Tomcat web container, minimal configuration.
- Little-G with Jetty web container, minimal configuration.
- Geronimo framework, stripped down Geronimo pluggable framework.

Note: Non-Certified distributions do not contain a complete JavaEE5 stack and so cannot be certified. Certified distributions can be reconfigured by the user (such as Tomcat web container with CXF for Web Services).

Supported features

 All programming elements of the Java EE 5.0 Specification are available.

Known Issues and Limitations

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** Bug
GERONIMO-4287      geronimo.out and geronimo.log stop logging with application specific login is enabled
and the app is undeployed
GERONIMO-4286      Can't configure log4j using log4jResource in ApplicationLog4jConfigurationGBean
GERONIMO-4276      openejb-jar-2.2.xsd missing from the schema subdirectory of the main Geronimo
installation directory
GERONIMO-4257      Problem with processing and delivery jms messages
GERONIMO-4251      Class-Path entry in WAR manifest didn't work if entry is a directory
GERONIMO-4250      Wrong path to access JAR files in EAR from WAR modules with getResourceAsStream
GERONIMO-4247      Maven Plugin Documentation Shows Outdated Configuration
GERONIMO-4237      Elements <jndi-name>, <jndi-local-name> and <jndi> ignored in openejb-jar.xml
GERONIMO-4232      JMSEException: Failed to build body from bytes
GERONIMO-4229      clarify use of GERONIMO_HOME vs. GERONIMO_BASE in shell scripts
GERONIMO-4226      GShell can not be started in a server assembly which only includes geronimo-boilerplate
plugin
GERONIMO-4223      NPE when accessing Installed application EAR or Installed web application portlet
GERONIMO-4222      Database pool unusable after database unavailable for awhile
GERONIMO-4219      Edited GBean properties not reflected on restart
GERONIMO-4217      Check for all data primitive types when shortcutting to the primordial classloader
GERONIMO-4210      EJB Injection in JSF Managed Bean
GERONIMO-4184      In-doubt transaction Id's could be reused during server startup
GERONIMO-4178      Misleading errors during deployment when missing entries in openejb-jar.xml
GERONIMO-4165      The deploy command in a assembled server fail to start
GERONIMO-4155      Can use a run-as role without defining it
GERONIMO-4153      Messages are not being redelivered correctly
GERONIMO-4141      The war exported as a geronimo plugin in admin console cannot be installed with install-
plugin command of deploy.bat|.sh
GERONIMO-4124      Tomcat jacc usage is messed up
GERONIMO-4097      unable to download extensible administration console using Little G
GERONIMO-4093      gsh scripts are not using setjavaenv or optional setenv script
GERONIMO-4081      Accessibility issue: Webking scan errors against "Check Web Accessibility(Section 508)"
rules
GERONIMO-4080      Accessibility issue: No input error messages are shown in some forms if anything is
unexpected
GERONIMO-4078      Database Pools page: JNDI name formatting inconsistent
GERONIMO-4076      Console runs in unhandled exception when user starts module with unresolved dependencies
GERONIMO-4032      Accessibility issue: descriptions should be shown explicitly for automatic change
GERONIMO-4030      Accessibility issue: The tree and tabbed content in Debug views is not keyboard
navigatable
GERONIMO-4028      Accessibility issue: no label elements and title attributes defined in all of forms in
admin console
GERONIMO-4026      Accessibility issue: no fieldset and legend elements for groups of radio and checkbox
button
GERONIMO-4025      Accessibility issues: No caption tag or summary property, no column and row scope
property for data tables in admin console
GERONIMO-4011      Need new release of JLine to fix GShell problems on Windows
GERONIMO-4000      Cannot start magicGball sample's client application thru gshell command
GERONIMO-3998      @WebFault
GERONIMO-3997      NPE in console
GERONIMO-3989      gshell - infinite loop
GERONIMO-3957      Updating svn:ignore lists
GERONIMO-3949      Problem creating a DB2 datasource
GERONIMO-3946      WARN [JettyModuleBuilder] Web application . does not contain a WEB-INF/geronimo-web.xml
deployment plan
GERONIMO-3942      IllegalStateException warning message for Jetty plugin installer
GERONIMO-3938      Geronimo must add Java2 security to run with security manager
GERONIMO-3934      geronimo/start-server --timeout option does not work as expected
GERONIMO-3907      Persistence Exception is not visible/lost for client.
GERONIMO-3892      Persistence.CreateEntityManagerFactory leads to an JNDI Exception in EJB Container
GERONIMO-3878      Unable to deploy Postgres Datasource from console dialog "Database Pools" because of
missing jar files in jar selection listbox.
GERONIMO-3875      Enabling authentication for Derby renders DB Viewer portlet unusable for all db's except
SystemDatabase
GERONIMO-3874      Deployment of Spring SpringContextResourceAdapter fails
GERONIMO-3863      Default TomcatWebConnector maxPostSize setting cannot handle DayTrader application
GERONIMO-3851      Plan Creator cannot recognize classes inside compressed JARs of WEB-INF/lib
GERONIMO-3844      Errors on shutdown from admin console (Jetty only) - java.lang.InterruptedExcepion
GERONIMO-3838      memory (probably related to sessions) leak
GERONIMO-3832      Timers created using the Timer Services are not dropeed when the associated ejb module is
stopped or undeployed.

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GERONIMO-3815	ContextManager.getCurrentContext() throws NullPointerException
GERONIMO-3768	deployment failure is not logged in either geronimo.log or deployer.log
GERONIMO-3762	Web Applications displayed during server startup include "system" console plugins
GERONIMO-3685	Monitoring Console should display TimeStatistics and BoundedRangeStatistics correctly
GERONIMO-3664	JNDIView Portlet should list ResourceAdaptors and its JCAManagedConnectionFactory for
RAR Modules	
GERONIMO-3602	SEI specified in webservices.xml does not overwrite annotation
GERONIMO-3581	Default security realm name in ContextManager
GERONIMO-3483	Redeploy should start any dependent configurations it stops.
GERONIMO-3466	car-maven-plugin can not generate server plugin which includes EJB
GERONIMO-3442	Tomcat exception reports reference non-existent log files
GERONIMO-3419	Console displays wrong database pool type when derby embed local is used.
GERONIMO-3392	CA Helper App - Unable to find HTTPS Connector configured for ClientAuth
GERONIMO-3233	Local EJB references cannot be resolved when <inverse-classloading> is set in web
application	
GERONIMO-2622	Implement PolicyContextHandlerSOAPMessage
GERONIMO-2340	Network Listener state not persisted across server startups
GERONIMO-2246	Why resource-env-ref:admin-object-module?
** Improvement	
GERONIMO-4282	Enhance deploy/assemble gshell command usability
GERONIMO-4280	EARConfigBuilder should show names of zip files not found
GERONIMO-4265	Enhance Custom server assembly portlet usability
GERONIMO-4238	JMX over SSL improvements
GERONIMO-4230	When installing a plugin that is already existed, we still give people confusing
missingDependency message	
GERONIMO-4225	Allow Run SQL portlet run sql against any configured data source
GERONIMO-4221	car file for daytrader module is not generated correctly via c-m-p
GERONIMO-4170	Upgrade Selenium version for Firefox 3
GERONIMO-4023	Provide Column Names in the Database Table View of the Admin Console
GERONIMO-3969	maven2 module goals should use standard server definitions.
GERONIMO-3958	No web-app element when geronimo-web.xml contains other root element
GERONIMO-3948	Allow multiple containers to be created for different types of ejbs
GERONIMO-3940	A easy way to create a new server instance via command/gsh/console
GERONIMO-3929	Load server implementation classes and it's libraries using a private classloader
GERONIMO-3925	Monitoring agent should use JAXB to do XML manipulation
GERONIMO-3915	Upgrade Monitoring and Debugview plugins to use Dojo instead of Dojolegacy
GERONIMO-3905	Geronimo Database pool wizard
GERONIMO-3870	Expose JSR77 stats in OpenEJB
GERONIMO-3849	When display-name in web.xml contains the dot the remaining part's printed out in
geronimo.log	
GERONIMO-3774	monitoring agent should separate any constant assignment inside one class
GERONIMO-3770	Error reporting of undeclared data-sources from persistence.xml with the file path and
such	
GERONIMO-3682	The Monitoring Console should keep information about Stats available from a managed object
GERONIMO-3681	The Monitoring Console should allow the type of graph to be chosen
GERONIMO-3680	The Monitoring agent should optimize DB activity
GERONIMO-3661	Optimize GShell libs for G server assemblies
GERONIMO-3530	provide activemq destination and connector stats
GERONIMO-3448	New threads launched from an EJB do not run as the same Subject as the launching thread
GERONIMO-3402	Remove deprecated DeployUtils with FileUtils
GERONIMO-3399	Need JSR88 DConfigBeans for GerSecurityType
GERONIMO-3389	console: java.lang.UnsatisfiedLinkError is thrown when create a Tomcat APR HTTP Connector
** New Feature	
GERONIMO-4279	Pull in TranQL SQLServer 2000 and 2005 XA connector
GERONIMO-4140	Update quartz plugin to geronimo 2.1+
GERONIMO-4089	Investigate building and running Geronimo on JSE 6
GERONIMO-3662	Provide JCA Resource statistics
GERONIMO-3619	Allow context-param's to be overridden in geronimo-web.xml
GERONIMO-3572	Disable access log by default and provide an easy way for the user to enable/disable
logging at will.	