



# Fedora 2.2.2 Release Notes

March 31st, 2008

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This is a maintenance release that fixes several bugs present in Fedora 2.2.1. In addition, the release includes key improvements to the journaling and policy enforcement modules. See below for more detail.

## 1. Bug Fixes

The following bugs have been fixed in this release.

- [Bug #1663737](#): User-provided log messages NOT recorded
- [Bug #1697137](#): fedora.war deployment fails in JBoss AS with OnlyOnceError
- [Bug #1701766](#): Clean up prompts/messages for "other" servlet container
- [Bug #1714089](#): HTTP Error Codes are not being returned correctly
- [Bug #1710801](#): HTTP Requests include bad HTTP basic Auth
- [Bug #1716106](#): demo soapclient fails to compile/run
- [Bug #1716636](#): addDatastream allows invalid values for checksumType
- [Bug #1720485](#): Null pointer running v2.2 installer
- [Bug #1740417](#): dcDates table not updated when DC datastream modified
- [Bug #1747186](#): FedoraAccessServlet hardcodes tiny buffer for datastreams
- [Bug #1771136](#): Whitespace added when modifying Inline XML
- [Bug #1773195](#): Incorrect XACML demo policies involving state
- [Bug #1785608](#): SQL rebuild sometimes fails to populate pidGen correctly
- [Bug #1791683](#): Installer creates one-jar doc directory
- [Bug #1816735](#): Flush and close missing in FieldSearchServlet
- [Bug #1832564](#): XSD dateTimes can have incorrect fractional seconds
- [Bug #1835449](#): Object-specific POLICY datastream ignored when using Oracle
- [Bug #1838750](#): improper handling of default namespace in batchModify
- [Bug #1844803](#): Incorrect protocol/port in DefaultExternalContentManager
- [Bug #1848092](#): Incorrect handling of dates before 1CE
- [Bug #1848095](#): RelsExtValidator rejects valid UTC dateTimes
- [Bug #1853905](#): Installer fails if FEDORA\_HOME contains a space
- [Bug #1863382](#): Lockup after frequent dissemination requests
- [Bug #1878847](#): Problem with utf-8 characters in datastream
- [Bug #1927861](#): ExecUtility calls can fail if command has a space

## 2. Additional Improvements

- **Policy Enforcement**

- [Feature #1743769](#): Multiple Owner id Support  
Fedora's bundled XACML engine can now act on policies involving objects that have more than one owner. See [Fedora Authorization with XACML](#) for more information on configuring and using this feature.

- **Journaling**

The following improvements enable more sophisticated high availability configurations with Fedora. See the [Journaling Guide](#) for more information on configuring and using these features.

- *RMI Support* - Journal leaders/followers can now be configured to communicate via RMI.
- *Multicast Support* - Journaling now supports multiple followers via disk, RMI, or combination.
- *Read-only Mode*
  - Formerly, when configured as a follower, a Fedora repository would give an error for any API-M call. Now, a follower will allow calls to API-M methods that do not make changes to the repository.

- **Miscellaneous**

- Fedora's out-of-box SSL server certificate (not intended for production use) has been updated with a later expiration date, for convenience.

## 3. Known Issues

Please see the [Fedora Commons Bug Tracker](#) for an up-to-date list of outstanding bugs.

## 4. Installation

For instructions on installing and upgrading Fedora, please consult the [Installation Guide](#) and the [Fedora Upgrade and Migration Guide](#).

## 5. Historic Release Notes

Release notes for previous versions of Fedora: [\[2.2.1\]](#), [\[2.2\]](#), [\[2.1.1\]](#), [\[2.1\]](#), [\[2.1b\]](#), [\[2.0\]](#), [\[1.2.1\]](#), [\[1.2\]](#), [\[1.1.1\]](#), [\[1.1\]](#), [\[1.0\]](#), [\[0.9\]](#), [\[Beta 1\]](#), [\[Alpha 1\]](#)