



Version 04_02_00

Release Date: March 3, 2008

- [ENHANCEMENT] Updated CAP web services user provider implementation to version 4 of the CAP web services. This version adds city to IDIR users and business trading name, business number, incorporation number, and extra provincial registration number to BCeID users.
- [ENHANCEMENT] Separated the CAP web services user provider and WebADE User Information classes from the main WebADE source and placed it into a new library Jar. This will allow the web services code to be updated independently of the WebADE core API. In addition to this change, the user searching API was cleaned up and moved to a new sub-package. The old search API has been deprecated.
- [ENHANCEMENT] Added UserInfoService singleton to servlet context and moved all user information lookups (but not user permissions) to this singleton, deprecating all user info-related methods in the Application singleton.
- [ENHANCEMENT] Added an internal J2EE filter configuration API to the WebADE, allowing filters to be added and removed using WebADE preferences. This will allow debugging and auditing filters to be added (and removed) without needing to modify and redeploy an application's EAR.
- [ENHANCEMENT] Added security configurations that help WebADE understand the expected security behaviour for the application, which will allow the WebADE to determine when a security configuration issue arises. Security configurations include authenticated-only access and mixed anonymous/authenticated access.
- [ENHANCEMENT] Moved WebADE Datastore implementation configuration from the WebADE connection jar to a WebADE preference in the database. This will remove the need for custom connection jars for applications using a ministry-specific WebADE Datastore implementation.
- [ENHANCEMENT] Added more detailed logging to various areas of the WebADE API.
- [ENHANCEMENT] Made a number of the Java objects that are stored in session and servlet context serializable.
- [ENHANCEMENT] Added the ability to customize the application disabled message.
- [ENHANCEMENT] Moved the J2EE request pre-request and post-request processing code from the legacy HttpRequestUtils (in the http package) to a dedicated WebAppRequestProcessingUtils class in the j2ee package. The WebADEFilter and WebADEActionServlet classes have also been changed to call the new Utils class directly.
- [ENHANCEMENT] Added override methods to the WebADEPreferences and WebADEPreferenceSets classes' getPreferencePropertiesBySubType method that will convert multi-value preferences to a single delimited string value, instead of the default behaviour to throw an exception.
- [ENHANCEMENT] JavaDoc and documentation updates to reflect version 4.2.0 of the WebADE API.



- [FIX] Changed the internal WebADE code to only allow for one user provider per application. Multiple user providers has not been used since the advent of the WebADE developer module and this functionality was just adding code complexity.
- [FIX] Removed the "system user" preferences and moved these settings into the CAP web services user provider settings, as these are only used by the user provider.
- [FIX] Fixed some formatting issues with the default WebADE user agreement page.
- [FIX] Made adjustments to the internal WebADE code that compared and merged two instances of the UserCredentials and DatabaseUserCredentials objects.

Version 04_01_11

Release Date: February 16, 2007

- [FIX] Fixed an error in the WrapperResultSet method getClob(int) which caused a StackOverflowError.
- [ENHANCEMENT] Added the WebADE.tld to the META-INF directory of the webade.jar file, so that it can be linked into web applications in a similar fashion to the Struts TLD files.
- [FIX] Fixed an obscure bug in the WebADEDatabaseDatastore class that raised an exception in certain situations when an application used a DatabaseUserCredentials object (not the standard UserCredentials object most applications use) to first fetch a user's permissions from WebADE, then use the credentials from that permissions object to load the user's user info object from WebADE.

Version 04_01_10

Release Date: December 5, 2006

- [FIX] Added a log error message when the application's user agreement cannot be found in the WebADE/ADAM database.
- [ENHANCEMENT] Added overloaded getWebADEUserPermissions() and getWebADEUserInfo() methods to the Application singleton with a Boolean flag used to indicate whether to ignore the current user's stored (in the session) user permissions and info objects, forcing a load of these objects from the web services/WebADE database. The default functionality is to now simply return these cached objects from the user's session.
- [FIX] Modified the UserCredentials mergeCredentials() method to a no-harm-no-foul approach when attempting to merge data from one UserCredentials into another UserCredentials object marked as "read-only", stopping the method from throwing an exception when the merge would not cause the object's original data to change.
- [FIX] Changed the UserCredentials equals() method to account for DatabaseUserCredentials sub-classed objects when performing an equals comparison.
- [FIX] Fixed the WebADE database user create script to give the WebADE schema owner the ability to create public synonyms.
- [FIX] Fixed the WebADE_ADMIN database package to stop it from setting users' first and last names, email addresses and phone numbers to null in the database.
- [FIX] Added an enabled preference to all user providers added on clean install of a WebADE database.
- [FIX] Altered the 04_01_05 database patch to catch all possible permutations of the CAP web services WebADE user provider in the PREFERENCE database table, adding the service account username/password to provider configurations missing them.



Version 04_01_09

Release Date: October 30, 2006

- [FIX] Fixed an issue that was retaining a user's state into another user's web request that arose with the 04_01_08 release.
- [FIX] Fixed an issue with the database package that insert user info to the EUser table that does not check for field length on update of an EUser row.

Version 04_01_08

Release Date: October 19, 2006

- [ENHANCEMENT] Added a new WebADE Preferences package (`ca.bc.gov.webade.preferences`) and added new WebADE API methods using these new classes (`WebADEPreferences`, `WebADEPreferenceSet`, and `WebADEPreference`). All methods using the older Preferences classes have been deprecated in favour of these new methods. The `WebADEExtension` `init` method has also been changed to receive a `WebADEPreferences` object instead of the older Preferences class. Existing extensions' compiled binaries are still compatible, but new releases compiled against this version of the WebADE API will need to change their code to implement the new method. See the WebADE User's Guide for more information.
- [ENHANCEMENT] Added the ability to save User Preferences in a WebADE application. See the WebADE User's Guide for more information.
- [FIX] Changed WebADE to ignore the System User account-name preference in the database, instead looking up the system user's account name from the user provider using the GUID preference.
- [ENHANCEMENT] Added `setReadOnly()` methods to the `UserCredentials`, `WebADEUserPermissions`, and `WebADEUserInfo` classes, making instances of these classes non-editable once this flag is set.
- [ENHANCEMENT] Added logging of database connection pool settings for all WebADE connection pools, for debugging purposes.
- [ENHANCEMENT] Added logging of CAP web services user provider connection settings, for debugging purposes.
- [FIX] Made minor text changes to the connection pool trace logging.
- [ENHANCEMENT] Altered the WebADE initialization error page to include a "reason" error message, when available.
- [ENHANCEMENT] Moved the organization selection code to a new `ca.bc.gov.webade.j2ee.OrganizationSelectionFilter` filter implementation (The older preference-based way is still in place for backwards compatibility). See the WebADE User's Guide for more information.
- [ENHANCEMENT] Moved the web application initialization utility methods to a new `WebAppInitializationUtils` class.
- [ENHANCEMENT] Added an exception to the `getSystemUserCredentials()` method of the `WebADESecurityManager` class by default to catch any applications that may be calling this method (There shouldn't be). The intent is to remove this method and move these settings to the CAP web services user provider preferences instead, as that is all these credentials are for. This exception can be disabled by add the System property "webade-system-user-check-security-for-caller" and setting it to true for your application.



- [ENHANCEMENT] Added a generic `getAttributeValue()` method to the `WebADEUserInfo` class to allow the addition of new attributes, as supported by the CAP web services without requiring a new WebADE release to support these attributes.. See the WebADE User's Guide for more information.
- [ENHANCEMENT] Added effective and expiry dates to the `Organization` class.
- [ENHANCEMENT] Made WebADE classes that are stored in the web session serializable.
- [FIX] Fixed the CAP web services provider to only check if user in groups for IDIR users.
- [ENHANCEMENT] Added an "enabled" preference to WebADE Extensions, allowing them to be enabled and disabled in the same manner as user providers, for consistency. The deprecated "WDE" and "APP" preference-based ways of turning on an Extension for an application are still supported for backwards-compatibility.
- [ENHANCEMENT] Added Public Authenticated and Public Unauthenticated rules to the WebADE to allow authorizations to be granted to only authenticated or unauthenticated users.
- [ENHANCEMENT] Added an optional setting to the WebADE to return the IDIR user's email address when requested by a BCeID user.
- [FIX] Standardized the way WebADE handles `UserCredentials` passed in by an application across all WebADE calls.
- [FIX] Added a performance code change that returns the session's current user permissions/info, instead of loading them from the database/web services, when the Application methods `getWebADEUserPermissions/getWebADEUserInfo` are called with the current user's credentials.
- [ENHANCEMENT] Added the ability to override WebADE extension preference in an XML file in the same manner as was possible for Application and WebADE preferences.
- [FIX] Fixed a null pointer when the application's user agreement cannot be found.
- [ENHANCEMENT] Added a check at user login to make sure a user agreement exists, if an application has a user agreement that must be presented to an end user.
- [FIX] Removed checks in the WebADE API to make sure the user's GUID is a valid GUID, when returning a user's permissions and info, as this is not necessary for successful operation of the WebADE, and can hinder the WebADE developer module operation.
- [FIX] Fixed the `UserCredentials` class method `areCredentialsComplete()` to return true for the `UNAUTHENTICATED_USER` credentials singleton.
- [FIX] Fixed the `WebADEDatabaseDatastore` class deprecated `getUser()` methods so that they return a `User` object, even if the `WebADEUserInfo` component is null.
- [ENHANCEMENT] Added error logs that help indicate when the WebADE cannot load user info for an authenticated application user.
- [FIX] Made all comparisons to a WebADE action name to be case-insensitive.
- [FIX] Deprecated remaining methods (including Application methods `getConnectionByAction()` and `getConnectionByPrivilegedAction()`) using a `String` as the action name parameter, replacing them with methods that accept an `Action` object instance instead.



Version 04_01_07

Release Date: July 20, 2006

- [ENHANCEMENT] Changed the ability to override the WebADE preferences via an XML to now be configured by a web app context-param called "webade.preference.file.location", in addition to the original System property method.
- [FIX] Changed the log level of various WebADE connection pool (ca.bc.gov.webade.dbpool package) and HttpRequestUtils logging from debug to trace, to help reduce logging when using the JDK logging API for logging.
- [FIX] WebADE now throws a 400 server error when a user request is processed with incomplete Netegrity headers. This no longer disables the web application.
- [FIX] Changed the HttpRequestUtils method "isAnonymousRemoteUser" to first check for the current user's permissions before parsing the Netegrity headers or checking the remote user.
- [ENHANCEMENT] Added getCurrentUserPermissions() and getCurrentUserInfo() methods to the WebADESecurityManager, allowing application code to get the current user without requiring a reference to the HttpServletRequest object.
- [ENHANCEMENT] Made small visual changes to the toString() methods of the UserInfo classes.
- [FIX] Changed validation of the user-provider preferences to prevent an error that was caused by using the webade developer module against a WebADE database that did not have the CAP web services configured as a user-provider.
- [FIX] Deprecated the User and EUser classes. These have been replaced by the WebADEUserPermissions and WebADEUserInfo classes, and should not be used by new applications. Support will remain for existing applications.
- [FIX] Fixed an error in the LDAP user provider that did not load user info when given a GUID parameter but no source directory parameter.
- [ENHANCEMENT] Added the requesting user to the logging when an error occurs during a CAP web service call.

Version 04_01_06

Release Date: June 16, 2006

- [FIX] Changed the HttpRequestUtils method "isAnonymousRemoteUser" to handle Netegrity-authenticated users.
- [FIX] Stopped the HttpRequestUtils class from continuing processing the request after it had presented the user with the organization selection page.
- [FIX] Stopped the WebADE from querying the CAP web services for user-group membership when there are no groups to query about.



Version 04_01_05

Release Date: April 04, 2006

- [FIX] Changed the Application's loading of the deprecated anonymous user to application initialization, to fix a problem when unauthenticated users logged into WebADE application.
- [FIX] Fixed a SQL error when trying to insert a phone number greater than 10 digits into the EUser table. Phone numbers greater than 10 digits are now truncated before being inserted into the database.
- [ENHANCEMENT] Changed truly fatal log errors to the fatal level of logging.
- [FIX] Added a check to prevent WebADE from trying to present user agreements unauthenticated users.
- [FIX] Added a validation of the Netegrity headers, logging fatal messages if only partial set of headers are found.
- [FIX] Added null pointer checks when traversing the list of a user's organizations, null pointer exceptions are not thrown when a user has both secure-by-organization authorizations and non-secure-by-organization authorizations in an application.

Version 04_01_04

Release Date: February 17, 2006

- [FIX] Fixed a null-pointer error that could occur when the WebADEServletContextListener executed its contextDestroyed() method.
- [FIX] Fixed a SQL error when trying to insert a phone number greater than 10 digits into the EUser table. Phone numbers greater than 10 digits are now truncated before being inserted into the database.
- [ENHANCEMENT] Added a suite of getAuthorizedUsers() methods that return the list of users of the current WebADE application granted access to a WebADE Role and/or Organization.
- [FIX] Fixed the deprecated getUsersByRole(), getUsersByRoleAndOrganization(), and getUsersByRoleAndOrganization() methods, so they now return the desired users, if possible. These methods remain deprecated, however, as the returning User object is deprecated. New applications should use the appropriate getAuthorizedUsers() method instead.
- [FIX] Removed private database methods from the WebADE_VIEW package that were left over from a previous release. These methods were not visible, so this should not impact any existing applications.
- [FIX] Fixed a bug with one of the DefaultGovernmentUserInfo constructors that wasn't calling the super constructor.



Version 04_01_03

Release Date: February 05, 2006

- [FIX] Fixed the preference setting that allows an application to specify a custom HTML page for organization selection when a user logs in to a WebADE application.
- [FIX] Fixed the preference setting that allows an application to specify a custom HTML page to display user agreements when a user logs in to a WebADE application.
- [FIX] Fixed a class cast exception thrown when a WebADE does not use wrapped connections, and a user agreement is needed to be presented to a user.
- [FIX] Removed a security exception on the constructor of the UserSearchObject class.
- [FIX] Fixed an issue that would only prompt for the first User Agreement a user must agree to when logging in to a WebADE application.

Version 04_01_02

Release Date: October 28, 2005

- [ENHANCEMENT] Added the ability for preference extension and override from an XML file on the local file system, for the purposes of development or other situations where multiple instances of a WebADE application will be run against the same WebADE database.
- [FIX] Fixed a null-pointer issue when logging on to a WebADE application with a MYID user.
- [FIX] Fixed an issue that caused web application requests that passed through multiple Actions before returning to the web client to fail.

Version 04_01_01

Release Date: October 25 2005

- [FIX] Fixed an issue with Netegrity authentication via NTLM.

Version 04_01_00

Release Date: October 25 2005

- [ENHANCEMENT] Added support for the CITS BCEID web services for user info lookup requests.
- [ENHANCEMENT] Split user information and user authorization information into two separate objects, as this information originates from different sources, and it is rare for an application to require both parts at the same time.
- [ENHANCEMENT] Added new API methods and classes to support the above changes, and.



Version 04_00_08

Release Date: August 10 2005

- [ENHANCEMENT] Added getWrappedConnection(), getWrappedStatement(), and getWrappedResultSet() to connection wrapper classes, to allow access to the underlying Oracle-specific classes.
- [ENHANCEMENT] Improved warning messages when a connection was not closed properly.
- [ENHANCEMENT] Converted all logging to commons-logging from Log4J.
- [FIX] Fixed employee indicator database preference to use the proper LDAP attribute.
- [FIX] Changed the database and Java code that dealt with GUIDs to switch the format from native GUID to Microsoft GUID.

Version 04_00_07

Release Date: May 25 2005

- [FIX] User.canPerformAction now works.
- [FIX] Application Initialization Error HTML not loading correctly (sometimes rendered HTML as text). Now fixed.
- [ENHANCEMENT] All HTML pages (Application Initialization, Application Disabled, User Agreement, Organization Select) use the same HTML code for consistency.
- [FIX] Determining whether an LDAP user was an employee now based off the 'employeeID' attribute for more accurate (not 100%) indication.
- [FIX] Fixed the WrappedConnection class so it can compile with JDK 1.4.

Version 04_00_06

Release Date: April 26 2005

- [FIX] Added deprecated tags to the unsupported legacy methods in the old API.
- [FIX] Implemented the getConnectionByPrivilegedAction method in Application
- [FIX] Changed the WebADEAction class to stop the check for the ActionServlet being an instance of WebADEActionServlet when returning the current user.
- [FIX] Removed the call to load the anonymous user at init of the application
- [ENHANCEMENT] Changed the HttpRequestUtils to default the session user to anonymous, if no user id is identified with the session or the user id was not found in WebADE.

Version 04_00_03

Release Date: December 13, 2004

- [FIX] Fixed User bug when phone numbers retrieved from LDAP contained nonnumeric characters.
- [FIX] Fixed User bug when middle initials retrieved from LDAP were greater than one character.



Version 04_00_02

Release Date: December 03, 2004

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- [ENHANCEMENT] Reorganized the database package structure to allow granting of view access to WebADE information without granting write and proxy control access.

Version 04_00_00

Release Date: November 29, 2004

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- [ENHANCEMENT] New WebADE Java API in a new ca.bc.gov.webade package structure.