

# ETICS Release Notes

## ETICS 3.3.1 [?]

### New features

- Client 1.5.0
- New OS>DEFAULT

### Bug Fixes

- Automatic discovery of EPEL packages installed on SL platforms (EL5 vs. SL5 suffix) [<https://tomtools.cern.ch/jira/browse/EMITTOOLS-206>][[jira/browse/EMITTOOLS-206](https://tomtools.cern.ch/jira/browse/EMITTOOLS-206)]
- OpenSSL error PRNG not seeded [<https://tomtools.cern.ch/jira/browse/EMITTOOLS-208>][[jira/browse/EMITTOOLS-208](https://tomtools.cern.ch/jira/browse/EMITTOOLS-208)]
- New dependency resolution property: OS.DEFAULT
- EPOCH support for ETICS packager [<https://tomtools.cern.ch/jira/browse/EMITTOOLS-86>][[jira/browse/EMITTOOLS-86](https://tomtools.cern.ch/jira/browse/EMITTOOLS-86)]

## ETICS 3.3.0 [16/12/2010]

### New features

- New application logo.
- Submission tab: new pending status. When a job enter in the submitter, it was always in "Running" state even if it was queued. Now, it is shown "Running" only if it is really running. If it is queued, a new "Pending(X)" state is shown. The X is the number of jobs queued and to be executed before this job.[EMITTOOLS-224](#)[EMITTOOLS-225](#)[EMITTOOLS-226](#)
- Submission tab: cancel job option. There is a new option inside the job details that allows to cancel a "Running" or "Pending(X)" job. There are the options to kill all platforms of the job at the same time or only selected platforms.[EMITTOOLS-279](#)[EMITTOOLS-280](#)
- Locking changes: now it is possible to lock without specifying a parent configuration. In this case, there are not items inherited. [EMITTOOLS-211](#)[EMITTOOLS-212](#)[EMITTOOLS-227](#)
- Support for history of modules and configurations (Clock icon in the toolbar of the Configuration tab).

### Bug Fixes

- CSS fixes for Chrome and Firefox
- Submission tab: error in configuration name when it was use the advance resubmission. [EMITTOOLS-213](#)
- LockedWith configuration field: some object show "null" instead of empty field when was not used a parent configuration for locking. [EMITTOOLS-211](#)
- Improvements in the object logging: new information has been added to each entry. [EMITTOOLS-308](#)
- SLOCCount plugin: removed duplicates and externals. [EMITTOOLS-298](#)
- JDepend and Findbugs plugins: added new target folder as class/jar folder location. This will allow the plugins to find new java projects in the build path.
- Project tree and configuration list appear collapsed at startup in Chrome.
- When replacing a subconfiguration, the workspace updates the node but not its children.
- Internal improvements for increasing performance and reliability.

## ETICS 3.2.2 [29/11/2010]

### Bug Fixes

- repository-client NullPointerException fixed when the build was failing at checkout

## ETICS 3.2.1 [25/11/2010]

## New features

- repository-client support for OS.DEFAULT <https://tomtools.cern.ch/jira/browse/EMITTOOLS-267>

## ETICS 3.2.0 [11/11/2010]

### Bug Fixes

- JDepend plug-in overwrite the CLASSPATH environment variable <https://tomtools.cern.ch/jira/browse/EMITTOOLS-200>
- New class/jar folder location added to JDepend and Findbugs <https://tomtools.cern.ch/jira/browse/EMITTOOLS-209>
- PMD and Checkstyle plug-ins values are not longer depending on the number of files. The values will be adjusted only with the number of lines of code
- After a failed advanced resubmission, there was a wrong entry in the submission list <https://tomtools.cern.ch/jira/browse/EMITTOOLS-93>
- Too long checkout and submit options errors were not properly reported <https://tomtools.cern.ch/jira/browse/EMITTOOLS-163>
- "Cloned from" and "locked with" information updated to contain the ID of the parent object used <https://tomtools.cern.ch/jira/browse/EMITTOOLS-92>
- Links in "Cloned from" and "locked with" added to access the used configuration
- Chrome problems editing properties, environment variables and dependencies
- Internals problems causing pop-up saying: "An error occurred while expanding the node. Please, refresh the tree"
- Configurations in the dependency resolution properties editor drop-down are sorted according to descending version

## New features

- Performance improvement (new Java, MySQL, SLC, 64bit) <https://tomtools.cern.ch/jira/browse/EMITTOOLS-98>
- System properties available in WA: package.rpm.disable.python-bytecompile, package.RPMSLocation and package.SRPMSLocation

## ETICS 3.1.0 [07/10/2010]

### Bug Fixes

- Problem browsing the project tree: "unknown type for item: XXX" and "the item xxx is not attached to yyy"
- Configuration name becomes "." when locked
- Filters in properties and dependencies
- Sometimes the expand icon in the project for some configurations does not work
- Configurations disappear from the workspace after edit them
- Problem deleting configurations from the web application
- Error deleting permissions
- Spelling mistake in a label of the submission detail in the Submission tab
- Repository client does not handle the "Aborted" status correctly
- Repository: Maven external repository does not show jar files
- Permissions assigned to configurations were not removed when the configuration was deleted
- Multi-Node: cannot submit on different platforms per node
- Multi-Node: Resubmitting was not working in both cases (all nodes to the same platform or to different platforms)
- Multi-Node: In the submission tab, when it was a multinode test with the nodes in different platforms, all nodes had the same platform
- Multi-Node: Stuck after submit in "Submitting" state
- Multi-Node: Crash if wrong parameter is introduced in the advance resubmit option (also for a normal submission)

## New features

- New plugins: RPM lint and JDepend
- STORM Custom and EPEL Custom now in Scientific Linux category
- Now cloned from is visible from the WA

## Test Cases

- Monkey browsing of the project tree of the WA to verify that no errors appear
  - From a slow connection (CNAF, ENG, outside CERN anyway)
  - From a fast connection (CERN)
  - try to click on the item of the tree and check that the item is displayed in the right panel
    - Error messages: "type for item: XXX" and "the item xxx is not attached to yyy"
  - try to expand many nodes simultaneously to stress the system
    - Sometimes clicking on the expand node ("+" button) nothing happens
- Try to lock a configuration from the WS and check that the name does not become "."

- Try to use the search box on top of properties, environments and dependencies and check that the items are properly filtered
- Try to add project configs in the workspace, expand them completely and then edit subconfigurations and check that all the changes are updated in the workspace...sometimes we noticed some configs disappearing
- Delete a project configuration and verify that NO children configurations are removed. Only the project configuration should be removed and not the attached children.
- Delete some user permissions and check that no exception is thrown and that the permissions are removed.
- Verify that when adding dependencies the string "Pick node configurations from either the 'Configurations' or the 'Workspce' panels." is correct (typo).
- Submission tab: verify that typo is fixed for registered builds: the link to the registered repository was wrong
- Generate a fake build-status.xml with different results "Aborted", "Checkout" or "invalid ones" and check that the repository does not throw an exception.
- Test that the Maven external repository has JAR in it
- Test RPLint and JDepend and make sure that:
  - work also with old Python (the one in slc4\_ia32\_gcc346)
  - NEVER fail even if the build fail, some properties are missing or no code is available, etc.
  - The generate proper reports and metrics
  - test the installation
- Multi-Node: test submission on different platforms per node
- Multi-Node: test Resubmitting in both cases (all nodes to the same platform or to different platforms)
- Multi-Node: test the submission tab that when it was a multinode test with the nodes in different platforms, all nodes have the right platforms
- Multi-Node: test that the submission tab does not get stuck in "Submitting" state
- Multi-Node: Try to introduce wrong parameters in the advance resubmit option for normal and multi-node submission and test that the proper error returns instead of crash

## ETICS 3.0.2 [24/08/2010]

### Bug Fixes

- SUDO fix ported to NMI scripts branch 1.6.0
- "checkout" status support added in the repository client and webservice

## ETICS 3.0.1 [22/08/2010]

### Bug Fixes

- Deleting a subsystem configuration deletes children on cascade

## ETICS 3.0.0 [19/08/2010]

### New Features

#### *Portal (1.2.2-2)*

- New CSS style-sheet for tab label resizing

#### *Configuration tab (1.4.0-1)*

- The workspace allows more than one configuration at the same time and its state is persisted between sessions
- New Properties Browser
  - properties grouped by category
  - System properties are now with description
  - Property Filter introduced
  - .DEFAULT properties edited with module search and configuration drop-down
  - system properties selected from drop-down
- New Dependency Browser
  - Dependency node in configurations is now expandable
  - Update a version of dependency is now available with configuration drop-down
- The module tree and the workspace keeps the state (nodes opened and closed) it had last time it was used by the user.
- Multi-Node Support
- One-click save for properties, dependencies and environments
- Platform list is grouped by category

- Refresh Authorization option added

### **Submissions tab (1.2.15-1)**

- Advanced re-submission allows to edit options of jobs before resubmitting

### **Repository tab (1.4.1-1)**

- browsing of external YUM and Maven repositories available
- Multi-Node support

### **Repository webservice (1.4.3-1)**

- Removed 8080 and 8443 ports in report URLs
- Creation of registered YUM repositories even without new packages (GGUS #60353)
- Multi-Node registration support
- Multi-Node scratch areas

### **Build-System Webservice (1.7.11-1)**

- New methods:
  - Search methods: searchModules and listModuleConfigurationsByName
  - Diff methods: getConfigurationDiff and getConfigurationPlatformDiff
  - Other methods: listSubmitters
- New features:
  - New accounting systems: there is a new table that contains all object events. Locking and cloning events are now logged.
- Bug fixes:
  - Clone configuration inserts wrong permission entries in the DB (<https://savannah.cern.ch/bugs/?56277>)
  - Locking problems (<https://savannah.cern.ch/bugs/?48412>, <https://savannah.cern.ch/task/?13732> and <https://savannah.cern.ch/task/?13092>)
  - Delete configuration with dependencies (<https://savannah.cern.ch/bugs/?64887>)
  - Detaching platform problem (<https://savannah.cern.ch/bugs/?48499>)

### **Infrastructure**

- Slots per Worker Nodes have been reduced to 1 if virtual

## **ETICS 2.5.5 [11/08/2010]**

### **New Features**

- new client 1.4.14-1

## **ETICS 2.5.4 [09/03/2010]**

### **Bug Fixes**

- nmi-scripts fix for SUDO with run as root part 2

## **ETICS 2.5.3[08/03/2010]**

### **Bug Fixes**

- nmi-scripts fix for SUDO with run as root
- repository-webservice fix for YUM repositories including RPMs with non-zero EPOCH

## ETICS 2.5.2 [02/03/2010]

### New Features

- Dashboard
- Disseminator
- [WebPortal](#) CSS restyle for Chrome and Opera
- Repository [WebPortlet](#) fixes for IE8

### Bug Fixes

- sudo fix in NMI scripts
- tar.gz removed from YUM logs

## ETICS 2.5.1 [17/02/2010]

### New Features

- New client 1.4.12-1

## ETICS 2.5.0 [15/02/2010]

### New Features

#### *Repository*

- New email sent to the user with more information
  - new URLName links
  - Registration report (packages not registered and the reason)
  - YUM repository generation report (packages not included and the reason)
  - Link to the ETICS raw log for debugging purposes
- URLName option improved
  - Registered URLNames cannot be moved anymore, forever
  - In case an URLName X is already registered, it is renamed to X\_yyyymmdd
  - When registering a build with URLName X on multiple platforms, please consider using different URLNames on different platforms otherwise the URLName will appear as X\_yyyymmdd (except the first platform registering)
- The Repository TAB package view now shows all links to YUM repositories where that package is present

#### *Plugins*

- new QA plugin (AQC: Automated Quality Certification Model)

### Bugfixes

- ETICS Portal updated to use GWT version 2.0.
  - Firefox 3.6 and Internet Explorer 8 compatibility (GGUS: #53166; Savannah #59038)
  - ETICS Portal shows only the banner with blank page fixed (GGUS: #46547, #46706)
- Administration TAB error when viewing user permissions (GGUS #51277, #52973; Savannah #58894)
- Configuration Locking errors when dependencies are inside the same project structure (GGUS #46084)
- Registered YUM Repository generation fixed (GGUS: #54043)
  - Previously registered packages also included in the YUM repository

## ETICS 2.4.0 [30/03/2009]

### New Features and Bug Fixes

#### *Web Portal*

- Submissions tab
  - Links to YUM repositories have been introduced in the details of each submission if the option was enabled during the submission.
  - Resubmit option: By clicking the resubmit icon in the details of a submission, it is possible to resubmit that particular build/test with the same options for one or all platforms.
  - The status message has changed from "Complete" to "Success" to be consistence with the labels in the reports.
  - Auto refresh value is now stored in a cookie.
  - The tree is now expanded automatically to show all the selected modules.
  - Deselecting modules can be done by clicking the elements in the tree or in the list of selected modules.
  - Problems found while resizing panels are now fixed.
  - Displayed name of modules in the selected modules list is now the full name.
- Configuration tab
  - Permissions attached to a configuration are now also cloned together with the cloned configuration
  - "Create Yum repository", "~~urlname~~" and "~~runtime~~deps" options have been added in the build-submission form
  - The option "register" is now also available for any non-locked configurations, unless 'ignorelocking' is enabled
  - fixed bug [#45333] "Wrong name for the default HEAD configuration"
  - fixed bug [#39337] "Strange behaviour when editing subconfigurations"
  - updated 'about' window content
- Bug locking configuration with >= in a dynamic dependency solved (GGUS problem 46084)
- Repository tab
  - YUM repository generation is now available:
    - Activated manually for volatile builds with the option in the Configuration web application
    - Activated automatically for any build with registration that registers new packages
    - Each project has a global YUM repository for each platform updated at every new package registration
    - The user guide is available here: <http://etics-repository.cern.ch:8080/repository/pages/pm.html>
    - Enabling the option --urlname allows to access reports, packages and YUM repositories using a TAG instead of the usual ID/PLATFORM method The TAG is moving each time it is reused in a submission making the link to point to the last submission
      - Example: Submitting enabling the --urlname option with the text "MY-PRIVATE-BUILD" will create/update the following links:
        - <http://etics-repository.cern.ch/repository/reports/name/MY-PRIVATE-BUILD/-/reports/index.html>
        - <http://etics-repository.cern.ch/repository/packages/name/MY-PRIVATE-BUILD>
        - <http://etics-repository.cern.ch/repository/pm/volatile/repomd/name/MY-PRIVATE-BUILD>
- Email notification has been improved with new links to YUM repositories and link updates according to the --urlname option
- Externals tab
  - Problem with accept/reject new externals has been fixed.
- Other
  - A new page is displayed in case of errors/maintenance of the ETICS services

### ***Repository Client***

- Fixed Bug #48006 Return codes added
- register-file command now accepts also module administrators of the project (i.e. externals)