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Re: Effort Reporting System – Base Release 9.1

We are pleased to announce the availability of Release 9.1 of the base Effort Reporting System.
This is a major release, which includes several enhancements and improvements, as well as bug
fixes

- Internally, ERS has been upgraded to use the latest release of Hibernate, 3.2.
- Performance has been improved for the FS and PAR interface jobs, and for Report
  Generation. The Late pay batch job also benefits from these changes.
- The following enhancements are also included:
    - 582r - Overdue reports notification to PIs.
    - 1279 - Reports zeroed out are never re-evaluated if no late pay is processed.
        - This problem is fixed by adding a new "Adjustment Required" status.
          When a report with generated effort above-the-line is edited to move
          such effort below-the-line, the new version of the report will have this
          status.
        - ERS also adds a new filter category to the Report List status filter set to
          find these reports. "ALL-Adjustment Required" finds both
          Certified/Adjustment Required and Adjustment Required report in the
          current list, while "Adjustment Required" finds only the reports with the
          new status.
    - 1452 - Allow comment when administratively changing report from adjustment
      required to certified.

A complete summary of the changes in this release can be found at the Changes link on the ERS
Project Website, and in a README found in the /EffortReporting/WEB-INF/classes directory.

Documentation changes

The *Customization Guide* and the *Installation Guide* have been updated for this release. New versions of these documents are included with the release materials.

Configuration Files

The ERSConfig.xml file has not changed; however, as a result of the upgrade to Hibernate 3.2, your hibernate connection properties file must change. The required changes are documented in the *Customization Guide*, and the sample file included with the release is updated as well.

Interface Process Changes

With Release 9.1, there are no changes to any interface process file specification. However, due to the performance enhancements, the affected interface and generate jobs now require a substantial amount of heap space. See the Installation and Operations Guide for details.

Database Changes

There are structure changes and additional base installation data inserts with this release. See the ERS_R9-1_UPGRADE… script corresponding to your DMBS vendor. We strongly recommend taking a backup of your current database before applying this script, since it drops two tables after transferring their data to another table; if you experience errors during this process, you will then be able to restore the needed data.

Installation Instructions

1. Backup /campus/<campusname> web customization folder (if used) and other configuration files.
2. Download the release WAR file and deploy using the application server deployment tool.
3. Restore /campus/<campusname> web customization folder, if used, after comparing to identify new and changed elements of the ERS skin.
4. NB: if you are using a tomcat application server, you have to modify your catalina.sh script to set a environmental variable on the catalina JVM:
    a. CATALINA_OPTS=-Djava.awt.headless=true
5. Perform campus release testing.

Timing of Installation

Installation of this release is <u>not urgent</u>. As usual, campuses are encouraged to install this release in as timely a fashion as possible, and in the normal numeric sequence of releases.

Release Sunset

With this release, ERS is retiring support branch 8.2. Base ERS will no longer release any fixes or enhancements to the 8.2 support branch.

If there are any questions, please email steven.hunter@ucop.edu or call (510) 987-0138.