

TeamConnect® Enterprise

6.3.7 Patch Bundle 2

Release Notes

TeamConnect® Enterprise 6.3.7 Patch Bundle 2 (PTC6370002) includes fixes from TCE 6.3.6 Patch 8

Issue: Inefficient method usage by Budget Creation Tool crashes TeamConnect.

Tracking Code: SUPPORTPRI- 66179

Case Number: 2022-1104-1005092

Reported Version: FMR 5.0.5

Workaround

None

Pre-Requisites

1. Large number of projects with a budget.
2. Fiscal year 2023 in budget settings.
3. One prerequisite budget budgeted for 2023.
4. Jmonitor log with low threshold.

Steps to Reproduce

1. Log into application.
2. Go to Tools / Budget Creation Tool.
3. Run the tool against the prerequisite record.
4. Run tool again.
5. Open your Jmonitor log and look for the transaction.

Expected Results of Steps

1. Method

```
FMToolPageDetail.getFailureList(FMToolPageDetail.java:125)
```

should run quickly. However, the ideal right now would be to disable this method until it can be implemented without crashing TeamConnect.

Actual Results of Steps

The method uses up 100% of the transaction because it is pulling all records from T_PROJECT into memory.

Note: This is crashing TeamConnect in Production environments.

Root Cause Analysis

Pulling all records from T_PROJECT into memory.

Issue: TeamConnect Logs out users when it encounters an error.

Tracking Code: SUPPORTPRI- 66239

Case Number: 2022-1107-1005545

Reported Version: TCE 6.3.4

Workaround

NA

Pre-Requisites

Create a custom field and add the custom field in the search view.

Steps to Reproduce

1. Create a custom category from setup.
2. Add a custom field to the category.
3. Create a search view with a results display that displays the custom field.
4. Delete the custom field and the category from setup and save the changes.
5. Navigate to the search view from the UI.
6. Users will be Logged out.

Expected Results of Steps

It should show all the search views under any object.

Actual Results of Steps

After navigating to any object, the user is getting logged out.

Root Cause Analysis

None.

Issue: SQL Server - Recent History search for matter narratives does not show current day history.

Tracking Code: SUPPORTPRI- 66491

Case Number: 2022-1209-6705819

Reported Version: TCE 6.3.7

Workaround

Clients can return all history records, but recent history does not work properly.

Pre-Requisites

1. Custom object with at least 1 record.
 - a. Object view with History record block.
2. Custom object has audit rule on update - triggers on any update.

Steps to Reproduce

1. Log into application.
2. Make a change on the record, triggering pre-requisite audit rules.
3. Open the tab with the History block.
4. Select "Complete history" search.

3. Observing a history record is created with today's date.
4. Select "Recent History" search.

Expected Results of Steps

History records created in step 2 should appear.

Actual Results of Steps

History records from step 2 do not appear. Records created before today do appear.

Root Cause Analysis

use `java.sql.Timestamp` instead of `java.sql.Date` for generating date comparisons with time part.

Issue: Email title changes don't show in TeamConnect.

Tracking Code: SUPPORTPRI- 50133

Case Number: 2019-0621-535694

Reported Version: TCE 6.1.1

Workaround

Must click the "i" icon to verify the name change.

Pre-Requisites

Must have Office Suite 3.1.2 installed on Outlook.

Steps to Reproduce

1. Open Outlook and make sure the plugin is running.
2. Move an email to a matter in the plugin.
3. Go to the matter in TeamConnect.
4. Go to the Document Section.
5. Observe the email.
6. In the plugin, right click on the email to change the metadata.
7. Change the name of the email.
8. Go back to TeamConnect.
9. Refresh the matter.
10. Go to the Documents Page.
11. Observe the name hasn't changed.
12. Click the "i" icon next to the document.
13. Observe the name has changed.

Expected Results of Steps

The displayed name should match the name of the document.

Actual Results of Steps

The displayed name does not match the name of the document once the name has been changed.

Root Cause Analysis

Display name for email documents was earlier subject of email. Now, it is changed to a document file name.

Improvement: TECH - Ajax Line Item Serialization Performance

Description: AjaxLineItemSerializer repeatedly checks the workflow status, invoice posting status, and adjustment mode. These are variables that are common to an invoice.

This needs to be externalized, either into a different serialization method or to be checked separately for the formatters.

Tracking Code: SUPPORTPRI-66583

Below fixes were merged in from TCE 6.3.6 Patch 8

Issue: Sum not working in exported excel sheets for Invoices because the field type is set to general instead of currency.

Tracking Code: SUPPORTPRI-65990

Case Number: 2022-0930-990436

Reported Version: TCE 6.3.6

Issue: Number type field's data is showing as General data type when Custom Search results exported to Excel sheet and unable to perform calculations.

Tracking Code: SUPPORTPRI-66360

Case Number: 2022-1216-7550055

Reported Version: TCE 6.3.6

Issue: Search View Tabs Do Not Match Order In Setup.

Tracking Code: SUPPORTPRI-66354

Case Number: 2022-0909-981590

Reported Version: TCE 6.3.6

Issue: Legacy Reporting - Overlapping fields on combined data series.

Tracking Code: SUPPORTPRI-65986

Case Number: 2022-1028-1002104

Reported Version: TCE 6.3.6

Issue: When there are large activities being performed on an application, threads get stuck and cause application slowness.

Tracking Code: SUPPORTPRI-66487

Case Number: 2022-0930-990576

Reported Version: TCE 6.3.6

Improvement: TECH - Legacy performance caching.

Description: Adding caching on "FQUtility::entityClassName" and on username calculations in the user store, which should increase performance in the legacy layer across the board due to the frequency of these operations and known bad performance in "Class::forName" and "String::toUpperCase".

Tracking Code: SUPPORTPRI-66450

Issue: Maintenance Notification pop-up window is not displayed.

Tracking Code: SUPPORTPRI-57290

Case Number: None

Reported Version: TCE 6.2.4, TCE 6.2.5

Known Issues

The following items are known issues in the TeamConnect Enterprise® 6.3.7 Patch Bundle 2 release. Each issue is documented in the following format:

- A description of the issue
- Internal tracking code
- Workaround

Issue: With Interactive Grid enabled, mass editing returns max search results instead of records per page results causing max memory use.

Tracking Code: SUPPORTPRI-66733

Case Number: None

Reported Version: None

Workaround

Disable Interactive Grid when performing mass edits or include more filter criteria to reduce search results count.

Pre-Requisites

1. A TCE instance with Interactive Grids.
2. Go to Admin Settings > Search Results > and ensure that "Enable Interactive Grids" is checked, the "Records Per Result Page" value is 200, and the "Maximum Search Results" is something large like 25,000.
3. At least 10,000 records of a custom object.

Steps to Reproduce

1. Perform a custom search on the custom object that will return all 10k+ records. For example, only one filter criteria entry where Name Has Value; and in the results display, the Name and at least one editable field such as a text field, list, or memo field.
 - a. You should now see the first 200 of 10,000+ records, and the interactive grid should be visible at the top of the results.
2. Hit Mass Edit.

Expected Results of Steps

Only the first 200 records that were visible before hitting Mass Edit should be listed ready for modification.

Actual Results of Steps

TeamConnect will try to load all 10k+ records. Depending on the memory allocated, either all 10k records will load ready for modification, or you'll get an Internal Server Error landing page.

Root Cause Analysis

None

The fixes in this patch will be merged into TCE 7.1.

INSTALLATION

Important: Stop your TeamConnect® instance before updating any files in the TeamConnect® war file.

1. Update WAR file

Windows GUI:

- Extract patch directory from the .zip file.
- Open the TeamConnect® .war file with 7zip
- Drag and Drop the files from patch directory to .war root in 7zip
- Overwrite file conflicts in 7zip
- Redeploy .war

Windows CMD:

- `tar -xf <path_to_patch_zip>`
- `cd <path_to_extracted_directory>`
- `jar -uvf <path_to_war> .\`
- Redeploy .war

Linux Terminal:

- `unzip <path_to_patch_zip> -d <path_to_destination_folder>`
- `cd <path_to_destination_folder>`
- `jar -uvf <path_to_war> .\`
- Redeploy .war

2. Update database and version information

Use the following steps to update the database and add patch version information to the **About** page of the **Admin Settings**.

1. Stop the TeamConnect® instance if it is currently running.
2. Backup your TeamConnect® database.
3. Run the script, located in **update**, that is appropriate for your database server:
 - MSSQL_TeamConnect_637_Patch2.sql
 - ORACLE_TeamConnect_637_Patch2.sql
4. Restart TeamConnect®.

UPGRADE CONSIDERATION

No significant upgrade considerations for this patch.

LEVEL OF RISK TO UPDATE WITH PATCH

LOW