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Knowledge Base Article

Product Group: Software; Microlog Analyzer
Product: CMSW7400 - @ptitude Analyst
Version: N/A

Abstract

When data is collected from a SKF Microlog Analyzer that is set to the wrong date, the data will reflect the incorrect date in SKF @ptitude Analyst. Currently in @ptitude Analyst, the ONLY way to change the dates in the software is one POINT at a time, by going to the Properties of the Measurement, then adjusting the Date/Time accordingly. This becomes an issue when there are several hundred measurements which are incorrect. This article describes a procedure to fix the dates for multiple measurements at once using SQL Server Management Studio.

Overview

SKF @ptitude Analyst allows the ability to use the "Edit by Attribute" function to edit multiple POINTs with just a few clicks. Unfortunately, this function does not extend down to the measurement level. If a small or large amount of measurements have been collected with the incorrect date in the Microlog Analyzer, after an upload, the date in the application will also reflect incorrectly.

This example is based on data that was collected via a Microlog whose date was mistakenly set at **1/10/2010**.

The date should have read **12/19/2012**.

In order to change the measurement date to reflect that of which it should have been, the following steps were performed:

1. Created a backup of the database.

2. Ran a Last Measurement Report on the hierarchy in question, with no Date Range restriction, but with the Measurement History date range set from 1/10/2010 to 1/10/2010. The HTML report file was then opened in Excel, and there were 373 entries that matched the 1/10/2010 date.

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3. SQL Server Management Studio was launched as skfuser user (cm as the password), and the following script was run to determine how many entries were in the MEASUREMENT table that matched the 1/10/2010 date.

   ```
   Select COUNT (*) from skfuser.skfuser1.MEASUREMENT where DATADTG like '20100110%'
   ```

   This returned the same count of 373.

4. Since there were no other dates from 1/10/2010, the following script was run to change the dates:

   ```
   Update MEASUREMENT set DATADTG = REPLACE(datadtg, '20100110', '20121219') where DATADTG like '20100110%'
   ```

5. At this point, the first script was run again to ensure that no measurements were found with the old date.

   ```
   Select COUNT (*) from skfuser.skfuser1.MEASUREMENT where DATADTG like '20100110%'
   ```

   This returned 0 results, as expected.

   The script could have been run using the new date '20121219', in which case it would have returned a count of 373 (as long as that was the only data that was taken on that day).

6. SQL Server Management Studio was closed and SKF @ptitude Analyst was launched.

   Note: Alarms were not updated until the next upload as they were still based on the previous "Last Measurement" values.

For further assistance, please contact the Technical Support Group by phone at 1-800-523-7514 option 8, or by email at TSG-Americas@skf.com.