

Applix TM1 Technical Bulletin

Changes to ExecuteProcess TurboIntegrator Function

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Relevant TM1 Versions: 8.4.5, 9.0 SP3, 9.1 and later

Issue: ExecuteProcess function is restricted to the Prolog or Epilog procedures when datasource is a TM1 object

When a TurboIntegrator process uses either a TM1 cube view or TM1 subset as a datasource, the ExecuteProcess function is valid only in the Prolog or Epilog procedures.

This is a departure from previous versions of TM1, where ExecuteProcess could be called from any procedure within a TurboIntegrator process when the datasource was a TM1 cube view or TM1 subset. Applix introduced this change in functionality to ensure data integrity and prevent server crashes that can result from locking conflicts that arise when a process calls the ExecuteProcess function from the Data or Metadata procedures.

Workaround

If you must use the `ExecuteProcess` function from the `Data` or `Metadata` procedures when a process datasource is a TM1 cube view or TM1 subset, Applix suggests the following solution.

1. Create an initial TurboIntegrator process to export the TM1 cube view or subset to an ASCII file, using the `ASCIIOutput` function.
2. Create a second TurboIntegrator process using the resulting ASCII file as a datasource. You can then call the `ExecuteProcess` function from any procedure within the process when the datasource is an ASCII file.
3. Combine both processes in a chore.