

# Workpoint

## Workpoint Database Cleanup Procedure

# Overview

There are three (3) steps that may be performed to clean up Workpoint database at the database level.

1. Back up the production database.
2. Prepare and Execute SQL Statement to prepare jobs for deletion.
3. Execute spWP\_DELETE\_JOBS.

This following example is intended to clean up all Workpoint Jobs which were last used between to January 1<sup>st</sup>, 2010 and March 31<sup>st</sup>, 2010 and were canceled or completed.

# 1. Back Up the Workpoint Database

The Workpoint database should be backed up to some location in addition to the standard backup location. All scripts should be tested and against the extraneous backup database prior to being run on a “live” database.

Extreme care should be taken when running the attached scripts so as not to affect other possible users.

## 2. Execute SQL to prepare jobs for deletion.

The following SQL statement is an example that could be executed to prepare jobs for deletion.

```
update WP_PROCI
set LU_ID = 'Delete Job', ROW_VERSION = ROW_VERSION + 1,
LU_DATE = getdate()
where INITIATION_DATE > {ts '2010-01-01 00:00:00'} and
INITIATION_DATE <{ts '2010-03-31 23:59:59'}
AND (PROC_STATE_ID = 4
OR PROC_STATE_ID = 5)
```

This sample SQL statement sets the LU\_ID as 'Delete Job' for all of the completed and canceled jobs whose last used date is between January 1<sup>st</sup>, 2010 and March 31<sup>st</sup>, 2010. Workpoint itself has or needs no knowledge of this action. It is purely for the stored procedures that will be used later in this procedure.

# The SQL Statement WHERE Clause

The SQL Statement may be adjusted to meet your Business Requirements. The WHERE clause can contain any filtering option to ensure the correct Jobs will be deleted such as the date range or other attributes.

For example:

```
“AND (PROC_STATE_ID = 4 OR PROC_STATE_ID = 5)”
```

This portion of the Where Clause will currently filter Jobs that are in the Canceled or Complete state. You may want to include Jobs in other states.

The current Process State Identifiers are the following:

- 1 Planned
- 2 Active
- 3 Error
- 4 Canceled
- 5 Complete
- 6 Suspended
- 7 Created

### 3. Execute spWP\_DELETE\_JOBS

Execute the stored procedure spWP\_DELETE\_JOBS. This will delete all of the Jobs marked in step #2.

Given the size of the database involved, it may be worthwhile to gauge the execution time of the stored procedure to estimate timeframes for a run against a production database (when necessary).

# Conclusion

This presentation outlines the procedure for backing up and cleaning up a Workpoint database installation.

This procedure does not specifically include archival of the stored data to a Workpoint archive file. However, a database backup provides all of the information that a Workpoint requires to generate those files at a later date, if so required.