
Subject: Re: Batch Script connecting two databases in an Extract Transform Load (ETL) Design Pattern

Posted by [rafs](#) on Sat, 20 Jun 2015 03:48:28 GMT

[View Forum Message](#) <> [Reply to Message](#)

Tony,

Which transaction patterns would I use for the following relationships below where `_X_` are the joining tables with only the foreign keys of the two parents' primary keys, and the added wrinkle that lines have many `line_versions`, but each line has only one "current_line_version"?

packages --< packages_X_files >-- files --< files_X_lines >-- lines --< line_versions

If I were to build the web interface, (just to see how the parts fit together)...

(0) One interface would be for viewing all lines, showing only the details of the current `line_versions`. LIST1 with some modified join somehow?

(1) Another view would for listing `line_versions` for a line: LIST2, I think. With CRUD operations for `line_versions`. Which page would be appropriate for choosing which `line_version` to set as the current `line_version` for the line?

(2) I want to create a package, then create files of lines but only by choosing from the set of currently active versions of the lines. (Any current line can go into any file. Should this be a "Multi 3", or two separate LINK1s?

[I will add that almost all of the data for a line is in `line_versions`.]
