Subject: Re: Batch Script connecting two databases in an Extract Tranform Load (ETL) Design Pattern
Posted by rafs on Sat, 20 Jun 2015 03:48:28 GMT
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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 togther)...
(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.]