



Figure 1.10. Procedural DBA duties

- Participating in application code design reviews
- Reviewing and analyzing SQL access paths (from EXPLAIN or SHOWPLAN)
- Debugging SQL
- Writing and analyzing complex SQL statements
- Rewriting queries for optimal execution

Off-loading coding-related tasks to the procedural DBA can help the other staff DBAs to concentrate on the actual physical design and implementation of databases, resulting in much better-designed databases. The procedural DBA should still report through the same management unit as the traditional DBA. Doing so enables better sharing of skills between the procedural DBAs and traditional data-focused DBAs. Of course, there will need to be a greater synergy between the procedural DBA and the application programmers. The typical job path for the procedural DBA should be from the application