

Building Stored Procedures in the Real World



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Module Overview



Creating a sproc template

- Elements to include
- Error handling
- More than one

Review key takeaways

- Why create a stored procedure
- Creating a baseline

Additional resources

- Practice makes perfect



Defining a Stored Procedure Template



Templates save time

Including error handling

- Throw
- Try..catch block

Explicate transactions

- Being in control

Adding comments

- Personal notes
- Communicate intentions



Demo



Creating a template

- Adding important elements



Key Takeaways

Why create stored procedures

- Maintainability
- Security
- Performance

Create a performance baseline

- Dynamic management view
- Test multiple values
- Try to break it

Create a set of best practices

- Set nocount on
- Add a debug flag
- Document them



The Journey Continues

**SQL Server: Optimizing Stored
Procedure Performance**

By Kimberly L. Tripp

Ethical Hacking: SQL Injection

By Troy Hunt

**Identifying & Fixing Performance
Issues Caused by Parameter Sniffing**

By Gail Shaw

SQL Server: Temporary Objects

By Joe Sack



Thank You!

