


Using SqlDataAdapter

Herve Roggero
<http://www.herveroggero.com>
hroggero@bluesyntax.net

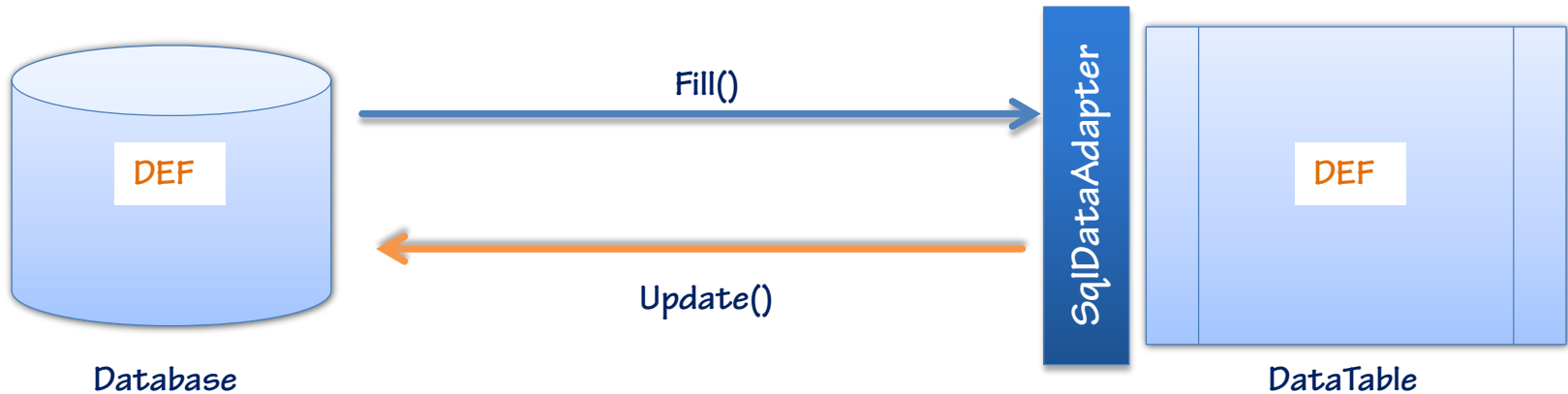


pluralsight
hardcore developer training

Topics Covered

- **Fill a DataSet and DataTable with SqlDataAdapter**
 - Build a disconnected dataset
- **Bind a DataTable to a control**
 - Display the disconnected dataset in your application
-  ▪ **Applying changes to the database**
 - Saving changes back to the database from a disconnected dataset

SqlDataAdapter Overview



The **Update()** method on **SqlDataAdapter** applies to **INSERT**, **DELETE** and **UPDATE** commands




If the **Update()** method calls stored procedures, you cannot use **SET NOCOUNT ON**



Set the **UpdateBatchSize** to **0** or greater than **1** to perform changes in batch

Summary

- Loaded a DataTable with inline SQL Statement
- Used Data Binding to show a DataTable in a DataGridView
- Saved in-memory changes to the database using SqlDataAdapter
-  Used SqlCommandBuilder to automatically create INSERT, DELETE and UPDATE SQL statements