

Biztalk-Training.com – BIZT203

SQL Intermediate Videos

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The following videos are soon to be available as downloadable .ZIP files from <http://Biztalk-Training.com>. Check website for latest pricing.

SQL

1. SQL/XML overview – approx 14 minutes – use of FOR XML AUTO, RAW, ELEMENTS, XMLDATA; also how to create virtual directory and access XML data from a browser (second part is not for Biztalk per se, but is a good introduction).
2. SQL Insert - approx 22 minutes - Receive XML files and moving data to database using message based routing (no orchestration)
3. SQL Incoming - approx 50 minutes – shows how to use message based routing (no orchestration) to receive data from an SQL table; includes use of SQL adapter
4. SQL Stored Procedure Input – approx 20 minutes – 5 minutes on how to create a stored procedure, and 15 minutes on how to receive XML data and write it to an SQL database using the stored procedure.
5. SQL Stored Procedure – approx 60 minutes total – create and run a stored procedure, how to call stored procedure from an Orchestration using a Send Response/Request Port. How to catch error using Scope/Catch blocks.
6. SQL Two Results Sets – approx 40 minutes total - how to return two results sets from the same stored procedure.
7. SQL Shakedown – 4 videos – over 60 minutes total – while the above demos generally demonstrate the “happy path”, these videos show you all the things that can go wrong and how to diagnose them. For example, what if Target Root Namespace or Root element name doesn't match port? What if a new element is added or a column name is not correct? What happens if SQL is down?
8. Use of SQL Client Network Utility – 7 minutes - to allow you to map Alias names to real databases outside of the Biztalk world.
9. Using SQL Alias and Host File to redirect SQL and/or Web Service – 7 minutes

Debugging Techniques

1. Debug Techniques – using StreamWriter – 12 minutes
2. Debug Techniques – using System.Diagnostics.Debug.WriteLine – 9 minutes

Most times have been truncated to the next lowest number of minutes.

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