SVN Repository Folder Structure

NECS - Data Management

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Date: 30th July 2015

Modification History

Date	Author	Details	version
30/07/2015	Azhar Khan	Proposal on how the SVN Repositories should be structured to aid current shared database development and have the ability to migrate to a dedicated branching model in the future.	DRAFT

This document describes the SVN Repository folder structure to be used by the Data Management team for their development of SQL Database applications and backend processes. The structure has been developed to aid the gradual move into using source control, from not using it at all to a point where the developers will have the ability to use "branching" to develop work independent of the master version of the code source. Branching will allow the development of large pieces of work without affecting the "stable" master copy of the source code.

Currently the Data Management team has several types of "systems" that can be categorised as repositories/projects within SVN.

- Windows Applications (NECSIS)
- Databases
- SSiS projects

A windows application can consist of;
1. Visual Studio project files.
2. SQL Database objects
3. Documentation (Specifications, Designs, manuals etc.)

A SQL Database can consist of;
1. Tables
2. Views
3. SPs and Functions
4. Types
5. Sequences, etc.

6. Documentation (Specifications, Design, manuals etc.)

A SSiS project can consist of;

1. Visual Studio project files.
2. SQL Database objects
3. Documentation (Specifications, Designs, manuals etc.)

The following structure will sit under the Data Management folder within the main SVN repository.

Applications	*NECSIS*	trunk	VS Project		
			SQL Dbs	*<Database1..n>*	Tables
					Views
					SPs
					Functions
					etc. …
		branches	*(future use)*		
		tags	*(future use)*		
		Documentation			
SQL Dbs	*<Database1..n>*	trunk	Tables		
			Views		
			SPs		
			Functions		
			etc. …		
		branches	*(future use)*		
		tags	*(future use)*		
		Documentation			
SSiS	*<Project 1..n>*	trunk	VS Project		
			SQL Dbs	*<Database1..n>*	Tables
					Views
					SPs
					Functions
					etc. …
		branches	*(future use)*		
		tags	*(future use)*		
		Documentation			

NOTE:

The "trunk", "branches" & "tags" folders are required for the future use of "branching".