
Twitter: http://twitter.com/carl_nolan

Linkedin: http://www.linkedin.com/pub/carl-nolan/19/493/7a8

Code: http://code.msdn.microsoft.com/site/search?f%5B0%5D.Type=User&f%5B0%5D.Value=Carl%20Nolan

Code Deliverables

F# Parallel Array Sort

Published August 2011

- In previous posts I have presented code to perform Parallel Sorting of arrays using 2 different methods, Merge sort using Barrier and Quicksort. As the code is spread out over these post I thought it would be useful to wrap up the code into a single solution for downloading. http://code.msdn.microsoft.com/FSharp-Parallel-Array-Sort-0833cf30

Hadoop Text and Binary Streaming and F# MapReduce

Published December 2011

- When writing a Hadoop Streaming Map/Reduce job it will quickly become apparent that there is a codebase that one can reuse. As such, I thought it would be useful to put together this codebase to enable F# developers to write Map/Reduce libraries through a simple API. The idea was to provide reusable code such that one only needed to be concerned with implementing the Map/Reduce code. http://code.msdn.microsoft.com/Hadoop-Streaming-and-F-f2e76850

Documents

Introduction to MDX (MultiDimensional Expressions)

Microsoft Developer Network (MSDN) – September 1999
Update 2009 for SQL Server 2008

- OLAP Services supports MDX functions as a full language implementation for creating and querying cube data. It is the querying capabilities of this language that will be the focus of this paper. To demonstrate these capabilities the paper will whenever possible utilize simple real world sample expressions. http://blogs.msdn.com/cfs-file.ashx/_key/communityserver-blogs-components-weblogfiles/00-00-01-46-76/Documents/3326.Introduction-to-MDX-Queries-AS2008.docx
Available

Smart Clients: Build a Windows Forms Control To Consume And Render WSRP Portlets

*MSDN Magazine – February 2006*

- The Web is an integral part of how today’s organizations support internal operations and integrate with partners. Organizations need to provide interactive sites that deliver various functionalities and data, all within a secure environment. All of this could translate into a lot of development time, if you were to start from scratch. Fortunately, the Portlet—a form of distributed Web component—has simplified this task and become a key technology in enabling such sites.  

Monitoring and Dynamically Configuring Windows Services

*Microsoft Developer Network (MSDN) – December 2003*

- The purpose of this article is to present a pattern for configuration management and internal monitoring of the state of a service. The assumption being that the service is based on an XML configuration file and has a series of distinct processes.  

Windows Forms Html Editor

*.Net Framework Windows Forms – July 2003*

- The purpose of the Html Editor is to provide Html Editing capabilities within a WinForms control. The control should emulate the operations that are available within a Rich Text control, but have information persisted and restored from an Html BODY element.  
  [http://windowsforms.net/articles/htmleditor.aspx](http://windowsforms.net/articles/htmleditor.aspx)  
  [http://code.msdn.microsoft.com/WinForms-HTML-Editor-01dbce1a](http://code.msdn.microsoft.com/WinForms-HTML-Editor-01dbce1a)

C#: A SQL Server XML and ASP.NET Runtime Application

*Microsoft Developer Network (MSDN) – March 2002*

- Details the construction of a Web-based customer service solution using the Microsoft .NET Framework, Microsoft SQL Server 2000 XML functionality, and XSLT documents. With Microsoft ASP.NET runtime support, forms authentication mechanism, and the system XML classes, creating high performance and scalable XML-based inquiry systems is greatly simplified.  
C#: A Message Queuing Application

Microsoft Developer Network (MSDN) – November 2000– Updated March 2002

- This article outlines a Windows service solution designed to process several message queues, focusing on the application of the .NET Framework and C#.
  http://code.msdn.microsoft.com/C-Message-Routing-Service-41039906

SQL Server 2000: New Features Provide Unmatched Ease of Use and Scalability to Admins and Users

MSDN Magazine – August 2000

- SQL Server 2000 includes many new features that extend its capabilities as a high performance relational database system with a rich development environment. This article presents an overview of new product features including AWE support, new data types, new user-defined and built-in functions as well as enhancements in trigger functionality, indexing, collation, and property definition. The article then concentrates on XML support, covering XML data retrieval and manipulation, queries, and HTTP access. It concludes with a discussion of performance improvements in SQL Server 2000.

Message Queuing: A Scalable, Highly Available Load-Balancing Solution

Microsoft Developer Network (MSDN) – July 2000

- Presents a framework for designing and deploying a scalable, highly available load-balancing solution infrastructure, incorporating the drainer and processor components of the Message Queuing (MSMQ) architecture.

Manipulate and Query OLAP Data Using ADOMD and MDX: Writing the App

Microsoft System Journal – September 1999

- Last month introduced you to ADOMD and MDX in order to construct a Web-based application for querying OLAP data. Now you’ll see how to construct the app so that you’ll be able to drill down into a particular member or data cell.
  http://www.microsoft.com/msj/0999/mdx/mdx.htm

Manipulate and Query OLAP Data Using ADOMD and MDX

Microsoft Systems Journal – August 1999

- Multidimensional Expressions (MDX) provides a rich and powerful syntax for querying and manipulating the multidimensional data stored in OLAP server cubes.
ActiveX Data Objects Multidimensional (ADOMD) is used to provide client access to the data.

**No Longer Available**

**Put Advanced SQL Server Features To Work**

*Microsoft Internet Developer – March 1999*

- Most browser-centric applications rely on a backend information source, usually in the form of a relational database system. Those of you who need more advanced SQL features would do well to investigate Transact SQL, the Microsoft SQL Server implementation.
[http://www.microsoft.com/mind/0399/advSQLfeatures/advSQLfeatures.htm](http://www.microsoft.com/mind/0399/advSQLfeatures/advSQLfeatures.htm)

**Get Instant Validation with JScript Procedures**

*Microsoft Internet Developer – January 1999*

- Does your Web site suffer from an endless parade of database errors? Turn your code from chump to champ with client-side validation, before the problems start.
[http://www.microsoft.com/mind/0199/validation/validation.htm](http://www.microsoft.com/mind/0199/validation/validation.htm)