

# 개발자를 위한 SQL Server 2008

이 수 겸

올랩컨설팅 선임 컨설턴트

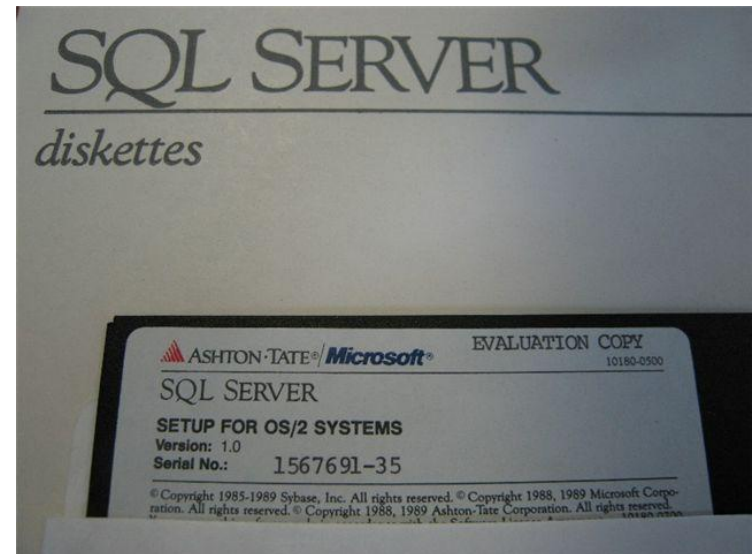
<http://bybi.tistory.com>

올랩컨설팅

- SQL Server의 역사
- SQL Server의 현재
- SQL Server 2008의 목표
- SQL Server 2008의 새로운 기능
- 동적 개발 환경
- 관계형 데이터의 발전

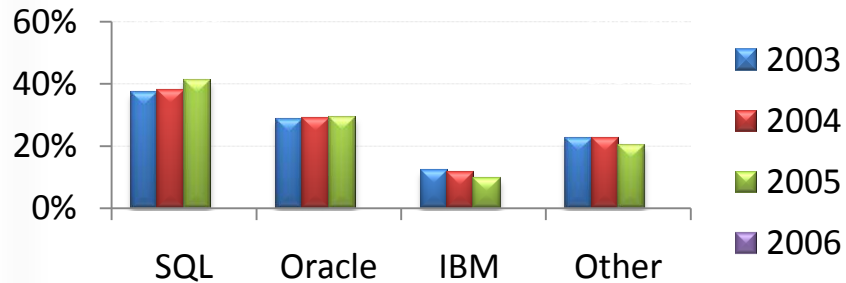
- 1987, Sybase와 MS의 DBMS 개발/판매 파트너쉽에서 시작 (Sybase는 Unix, MS는 OS/2 및 MS의 OS에 대한 권리 가짐)
- 최초의 버전은 Ashton-Tate(dBase), Sybase와 공동개발

Version	Year	Release Name	Codename
1.0(OS/2)	1989	SQL Server 1.0	-
1.1	1990	SQL Server 1.1	-
4.21(NT3.1)	1993	SQL Server 4.21	-
6.0	1995	SQL Server 6.0	SQL95
6.5	1996	SQL Server 6.5	Hydra
7.0	1999	SQL Server 7.0	Sphinx
-	1999	SQL Server 7.0 <a href="#">OLAP</a> Tools	Plato
8.0	2000	SQL Server 2000	Shiloh
8.0	2003	SQL Server 2000 64-bit Edition	Liberty
9.0	2005	SQL Server 2005	Yukon
10.0	2008	SQL Server 2008	Katmai



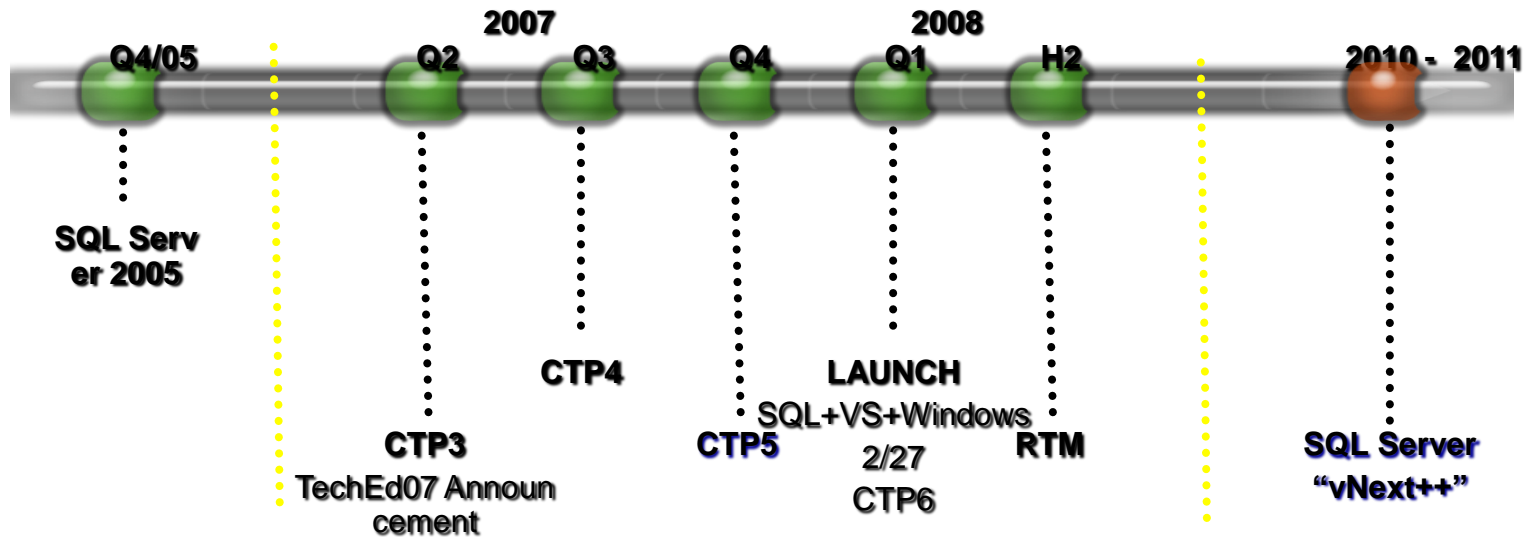
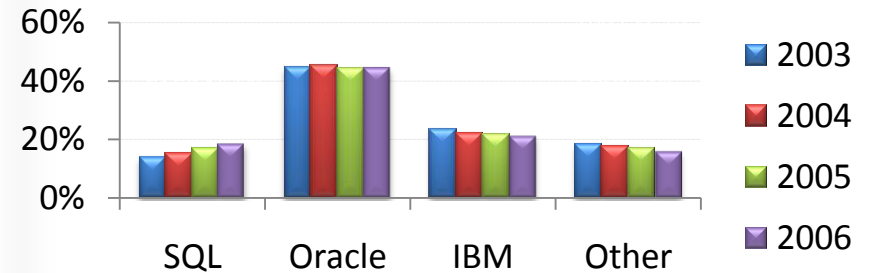
## Units: More than Oracle / IBM combined

### RDBMS Unit Share

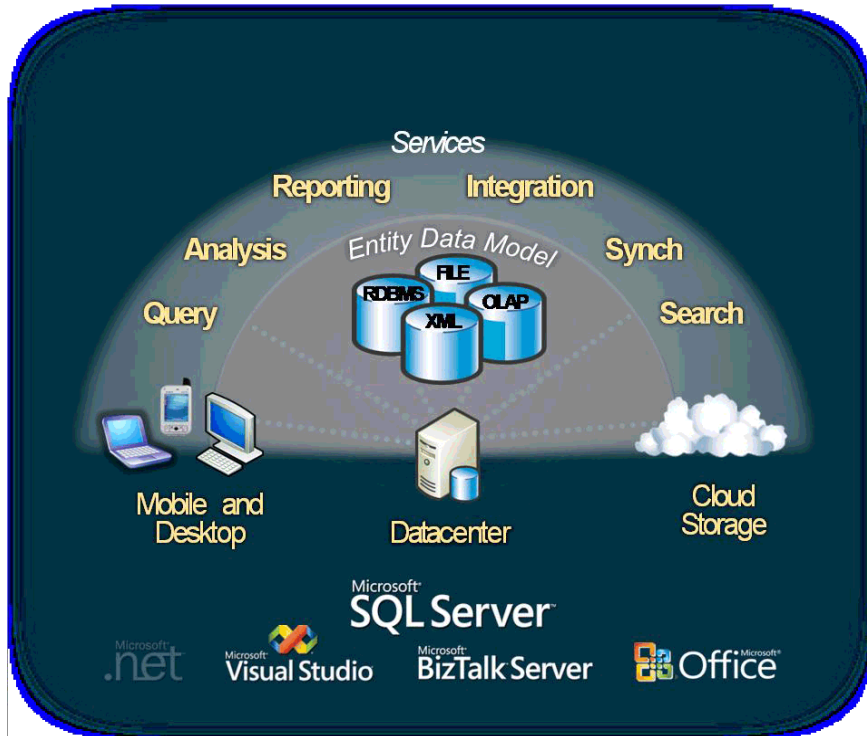


## Revenue: Fastest growing vendor

### RDBMS Revenue Share



## ■ Microsoft's Data Platform vision



- 가치 Quality
  - Trusted
  - Productive
  - Intelligent
- 핵심 영역
  - Enterprise Data Platform
  - Beyond Relational
  - Dynamic Development
  - Pervasive Insight







# SQL Server 2008의 새로운 기능

Transparent Data Encryption  
External Key Management  
Data Auditing  
Pluggable CPU  
Transparent Client Redirect for Database Mirroring  
Declarative Management Framework  
Server Group Management  
Streamlined Installation  
Enterprise System Management  
Performance Data Collection  
System Analysis  
Data Compression  
Query Optimization Modes  
Resource Governor  
Entity Data Model  
LINQ  
Visual Entity Designer

Entity Aware Adapters  
SQL Server Change Tracking  
Synchronized Programming Model  
Visual Studio Support  
SQL Server Conflict Detection  
FILESTREAM data attribute  
Integrated Full Text Search  
Sparse Columns  
Large User Defined Types  
Date/Time Data Type  
LOCATION data type  
SPATIAL data type  
Virtual Earth Integration  
Partitioned Table Parallelism  
Query Optimizations  
Persistent Lookups  
Change Data Capture  
Backup Compression

MERGE SQL Statement  
Data Profiling  
Star Join  
Enterprise Reporting Engine  
Internet Report Deployment  
Block Computations  
Scale out Analysis  
BI Platform Management  
Export to Word and Excel  
Author reports in Word and Excel  
Report Builder Enhancements  
TABLIX  
Rich Formatted Data  
Personalized Perspectives  
... and many more

- ADO.NET Entity Framework
- LINQ(Language Integrated Query)
- Data Synchronization
- Integrated Visual Studio support
- SQL Server change tracking
- Integrated conflict detection



- New Data Types
  - *Date, Time, DateTime2, DateTimeOffset*
  - Hierarchyid
  - User-Defined Table type, Large User-Defined Types
  - *Geography, Geometry*
  - FILESTREAM
- Integrated Full-Text Search
- T-SQL Enhancements
  - MERGE, Sparse columns, filtered indexes
  - Table-Value Parameters

- Euan Garden's BLOG

SQL MythBusters – "SQL Server is really a Sybase product not a Microsoft one." (<http://blogs.msdn.com/euanga/archive/2006/01/19/514479.aspx>)

Mythbusters, SQL Server History follow up(<http://blogs.msdn.com/euanga/archive/2006/05/23/597677.aspx>)

- Techfest : A Whirlwind Tour of the Next Great Release of SQL Server
- SQL Server 2008 : Product Overview