

## MySQL



MySQL was originally launched in 1995. Since then it has seen some ownership and management changes, before ending up at Oracle Corporation in 2010.

While Oracle is in charge now, MySQL is still open source software. , which means you can use and modify it freely.

The name comes from the association of "My" - the name of the daughter of the co-founder - with SQL - the abbreviation for Structured Query Language, which is a programming language that helps you access and manage data in a relational database.

## PostgreSQL



PostgreSQL is an advanced, enterprise-class, and open-source relational database system. PostgreSQL supports both SQL (relational) and JSON (non-relational) querying.

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PostgreSQL is used as a primary database for many web applications as well as mobile and analytics applications.

## SQL Server



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	MySQL	PostgreSQL	SQL Server
launch year	1995	1996	1989
Company	MySQL AB Oracle(since 2010)	PostgreSQL Global Development	Microsoft
OS supported	Linux, Windows, Mac OS, Solaris, HP-UX and many more	Windows (Win2000 SP4 and later), FreeBSD, OpenBSD, NetBSD, Mac OS X, Solaris	Windows
Language	SQL	SQL	SQL
strengths	<ul style="list-style-type: none"> <li>• Speed</li> <li>• Reliability</li> <li>• Low system resource requirements</li> <li>• Scalability</li> <li>• Platform diversity</li> <li>• Support for a large number of host languages support</li> <li>• Free or low-cost licensing</li> <li>• Inexpensive commercial support</li> <li>• Strong user community backing</li> </ul>	<ul style="list-style-type: none"> <li>• Open Source DBMS</li> <li>• Diverse Community</li> <li>• Functions : SQL functions called 'Store Procedure' can be used for server environment. Also, we support languages similar to PL/SQL in Oracle such as PL/pgSQL, PL/Python, PL/Perl, C/C++, and PL/R.</li> <li>• ACID and Transaction : PostgreSQL support ACID(Atomicity, Consistency, Isolation, Durability).</li> <li>• Diverse indexing techniques</li> <li>• Flexible Full-text search</li> <li>• Diverse kinds of replication</li> </ul>	<ul style="list-style-type: none"> <li>• Increase data security</li> <li>• Ease of configuration</li> <li>• Optimized data storage</li> <li>• Data recovery support</li> </ul>