MYSQL™ FOR CURRICULUM

CONNECTING DATA. CONNECTING PEOPLE.

Give Your Students an A+ Start on Their Careers

As the world's most popular open-source database, and the de-facto standard in database management systems, MySQL is used by today's modern online businesses that require the utmost in reliability, performance, and ease-of-use. MySQL is the third most widely deployed database in the world, and more companies are adopting MySQL every day. Having expertise in MySQL can jump start students' success in computer science and engineering careers.

Real World Experience in the Classroom

Used by thousands of premier businesses like Google, Yahoo, Bank of America, YouTube, Nokia, Adobe, Facebook, and others, MySQL is uniquely positioned to offer students a perfect environment for learning database skills that transfer immediately from outside the classroom to cutting-edge businesses. The combination of open-source technology, adherence to industry-standard database access and programming languages, a wide range of support for many different platforms and operating systems, and a huge community of passionate users make MySQL a great choice for educational institutions wanting to equip their students with the skills that will take them far in their technology careers.

Unique Architecture

MySQL supplies a unique architecture that lends itself to learning about and understanding the differences between different types of databases. With its pluggable storage engine architecture, MySQL actually offers many different types of databases (transactional, non-transactional, main memory, clustered, and more) under one roof. No other database server in the industry offers such flexibility in educating students on the differences in implementing various database designs.

Industry Standard Structured Query Language

MySQL uses an ANSI-standard implementation of the structured query language (SQL), so educators and students can work with the most widely recognized and portable database language, which is easily transferable to other database management systems.

Wide Range of Platform Support

MySQL runs on all popular operating systems (Solaris, Windows, Linux, and more) and hardware/chip platforms (SPARC®, Intel®, AMD Opteron™, and more). In addition, MySQL is well-suited to run on antiquated computer systems that do not have an abundance of RAM, disk space, or processors. A default MySQL installation consumes only 40 MB disk space and 8 MB RAM.

Extensive Development Language Support

MySQL provides strong support across development languages including Java™, C, C++, .NET, PHP, Perl, Python, and many more. In addition, development environments such as Visual Studio, Netbeans™, Eclipse, Zend, and others offer integrated support for MySQL. Plus, MySQL provides a free and open source set of GUI tools that can be downloaded and used at no cost.

Complete Set of Documentation and Help Aids

Take advantage of excellent free online and downloadable documentation from the MySQL Web site and participate in online help forums that allow interaction with MySQL experts on many database-centric and development topics. MySQL is a popular topic in the technical book market, and many titles exist that can be used as course textbooks.

Open Source

The MySQL™ Community Server can be freely downloaded and used at no cost on any supported platform, with no restrictions whatsoever on the amount of RAM, disk space, or number of CPUs supported. Further, MySQL source code may also be downloaded, compiled, and customized if desired. Visit: mysql.com

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