

# *A MySQL database and Perl web server HOWTO*

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/ch/open Workshop 2000

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# *What is MySQL?*

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- relational database management system
- Open Source Software
- SQL (Structured Query Language)
- Why use MySQL?
- [www.mysql.com](http://www.mysql.com)

# *Installation and configuration*

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- download MySQL
- minimal configuration
- automatic startup
- create and open database

# *SQL basics*

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- Create a table
- List the tables
- List the fields in a table
- Put data into a table
- Modify existing data
- Delete records
- Multiple tables

# *Perl*

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- Installation of Perl modules
  - CGI
  - DB interface for MySQL
  - mod\_perl

# *Perl Coding*

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- Connect with database
- Create SQL statement
- Use prepare to send SQL statement to database server
- Execute SQL statement
- Fetch the results

## *Perl Coding cont.*

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- Finish the statement
- Disconnect from database
- Error handling
- Web design