Introduction MySQL Workbench

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Outline

- **Visual Database Design Tools**
  - Development
  - Design
  - Administration
- **Features**

MySQL Workbench Features

- **Database Development**
  - Schema object browsing
  - SQL syntax highlighter and statement parser
  - Multiple-, editable result sets
  - SQL snippets collections
  - SSH connection tunneling
  - Unicode support
- **Database Designing**
  - ER diagramming
  - Drag'n'Drop visual modeling
  - Reverse engineering from SQL Scripts and live database
  - Forward engineering to SQL Scripts and live database
  - Schema synchronization
  - Printing of models
  - Import from fabFORCE.net DBDesigner4

- **Database Administration**
  - Start and stop of database instances
  - Instance configuration
  - Database account management
  - Instance variables browsing
  - Log file browsing
  - Data dump export/import
- **Database Migration**
  - Any ODBC compliant database
  - Native support: Microsoft SQL Server, PostgreSQL, Sybase ASE
- **Miscellaneous**
  - Database Connection & Instance Management
  - Wizard driven action items
  - Fully scriptable with Python and Lua
  - Support for custom plugins

Starting MySQL Workbench

Start >> **All Programs** >> **MySQL** >> **MySQL workbench**

Summary in Sixty Seconds

#1 MySQL Workbench is divided into three major sections i) Development ii) Modeling iii) Administration

#2 We can retrieve, view, edit or delete data from SQL Editor of SQL Development section

#3 We can create database model as well reverse engineer database from Data Modeling section

#4 We can start, stop and manage MySQL instance from Server Administration section

#5 Remember, we can use MySQL Command Line Editor if we have no access to MySQL Workbench

#6 Download MySQL Workbench from http://www.mysql.com/downloads/workbench/