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|  | **2011** |

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| **MySQL Installation Guide** |



**iVOTE**

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# Working with MySQL

MySQL is a relational database management system that runs as a server providing multi-user access to a number of databases. MySQL is a database system that is used on the web. The version of MySQL that will be supporting the iVOTE system is a called the MySQL Community Server and is a free version. This free version of MySQL is easy to

install and manage but does not come with free support. This document will provide a

detailed installation walk through and links to online support.

# Downloading MySQL

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| *Procedures* | *Comments/Prompts* |
| 1. On your computer open a web browser and  navigate to http://www.mysql.com/ |  |
| 2. On the upper left of the website are two tabs:  one is labeled MySQL.com and the other is  labeled Downloads (GA). Click on the tab labeled  Downloads (GA). | |
| 3. Look for MySQL Community Server and click  download. | |
| 4. This installation tutorial will be using Windows (x86, 32-bit), MSI Installer | |
| 5. Click Download. | |

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| *Procedures* | *Comments/Prompts* |
| 1. Click on the linked that reads   “No thanks, just take me to the downloads!” | This is a partial screen shot capturing the part of the webpage that is important to this installation. |
| 1. Click on the HTTP that is closest   to your current location. In this  example the server in Pittsburgh,  PA is the link that will be used. |  |
| 1. You will be given a prompt asking   if you want to run or save MySQL.  Click ‘Save as’ and choose a location  to store the file. |  |
| 1. The image to the right indicates a   successful download of the  Microsoft Installer file for MySQL. |  |

# Installing MySQL

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| *Procedures* | *Comments/Prompts* |
| 1. Locate the Microsoft Installer   file for MySQL and double  click to begin the installation. |  |
| 1. Click the ‘Run’ button on the   pop-up. |  |
| 1. Click ‘Next’ |  |

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| *Procedures* | *Comments/Prompts* |
| 1. During the install process this   window will pop-up, click ‘Next’  twice. |  |
| 1. At this point MySQL has been   installed on your machine, leave  the ‘Launch the MySQL Instance  Configuration Wizard’ box checked  and click ‘Finish’ to exit the installation  procedure. |  |

# Configuring MySQL

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| *Procedures* | *Comments/Prompts* |
| 1. The MySQL configuration wizard   should launch automatically at the  end of the installation process. In the event that it doesn’t launch, go to the ‘Home’ button on your computer and  enter ‘MySQLInstanceConfig.exe’ in  to the ‘Search’ box and click the  link. Click ‘Next’. |  |
| 1. Select the ‘Standard Configuration’   option and click ‘Next’. |  |
| 1. Make sure the ‘Install As Windows   Service’ checkbox is checked. Create  a Service Name, in this example the service name is ‘MySQL’ and check  the ‘Launch the MySQL Server  automatically’ checkbox. |  |
| *Procedures* | *Comments/Prompts* |
| 1. This is the most important part   of the configuration process. Check  the ‘Modify Security Settings’ box  and enter a password.  **WRITE DOWN THE PASSWORD**  **AND SAVE IT SOMEWHERE.** |  |
| 1. Click ‘Execute’ to begin the   configuration process. |  |
| 1. Congratulations, you have   successfully installed  MySQL Community Server. |  |

# Helpful Links

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| *Description* | *Links* |
| This is an excellent link from the  MySQL developer team. This web  page has:  -Documentation and Server Manuals  -Tutorials and Articles  -User Groups | http://dev.mysql.com/support/ |
| Here is an excellent video  tutorial link covering the  installation in detail. | http://www.youtube.com/watch?v=ee9q-o6U2qw |
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