

Microinvest[®]

SOFTWARE COMPANY



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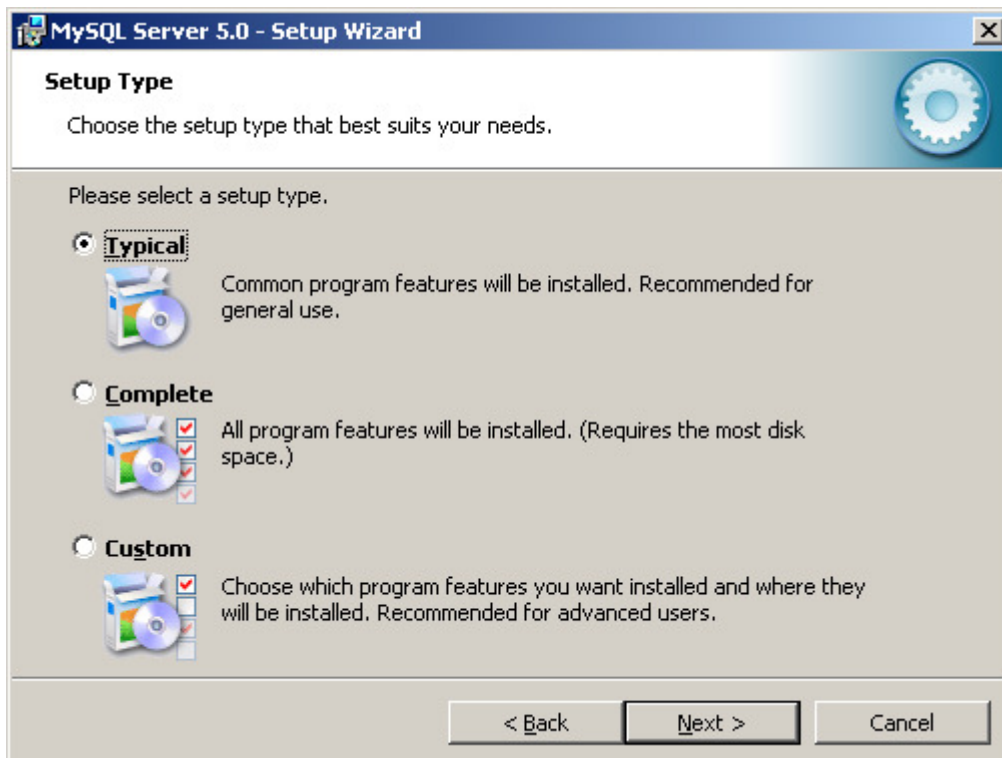
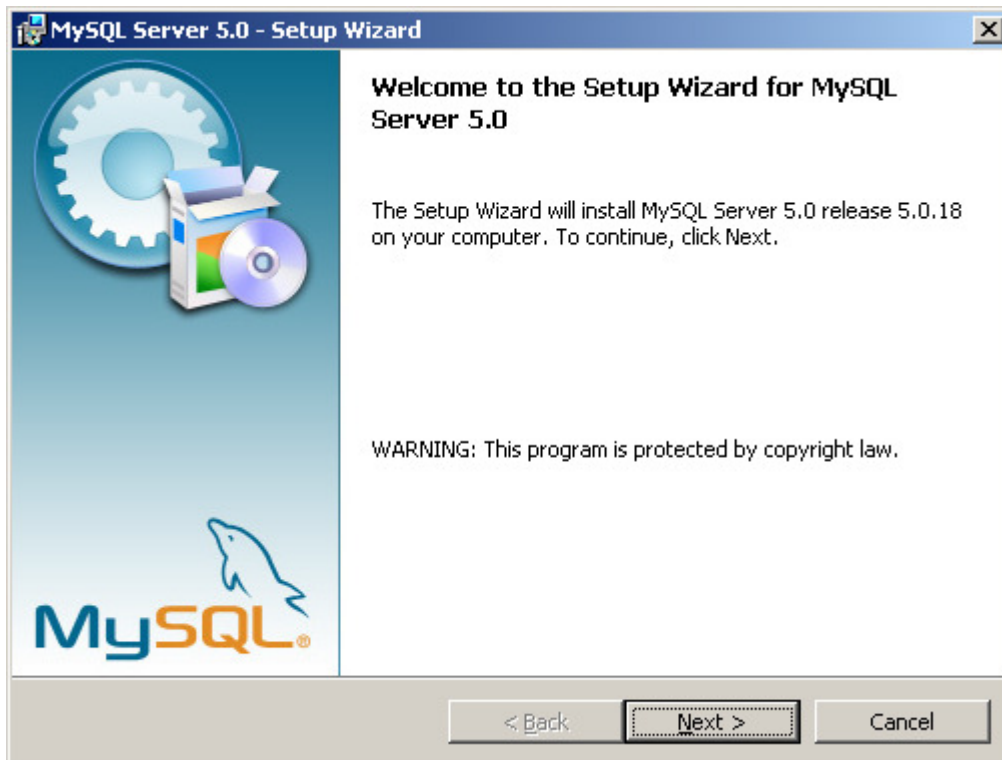
e-mail: office@microinvest.net, **http:** www.microinvest.net

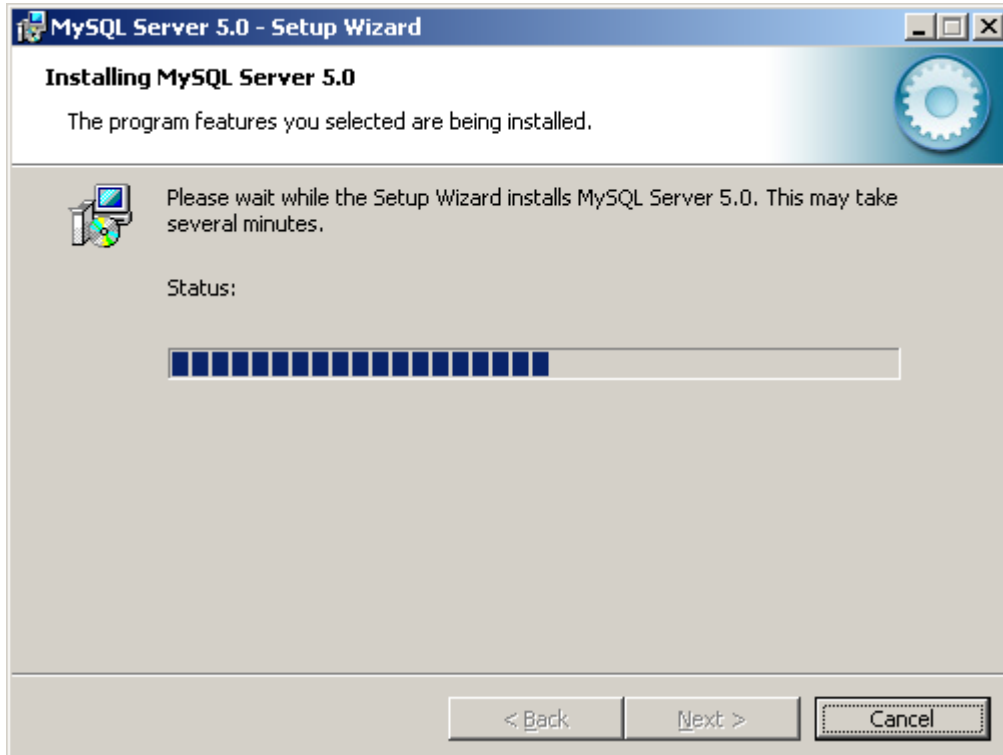
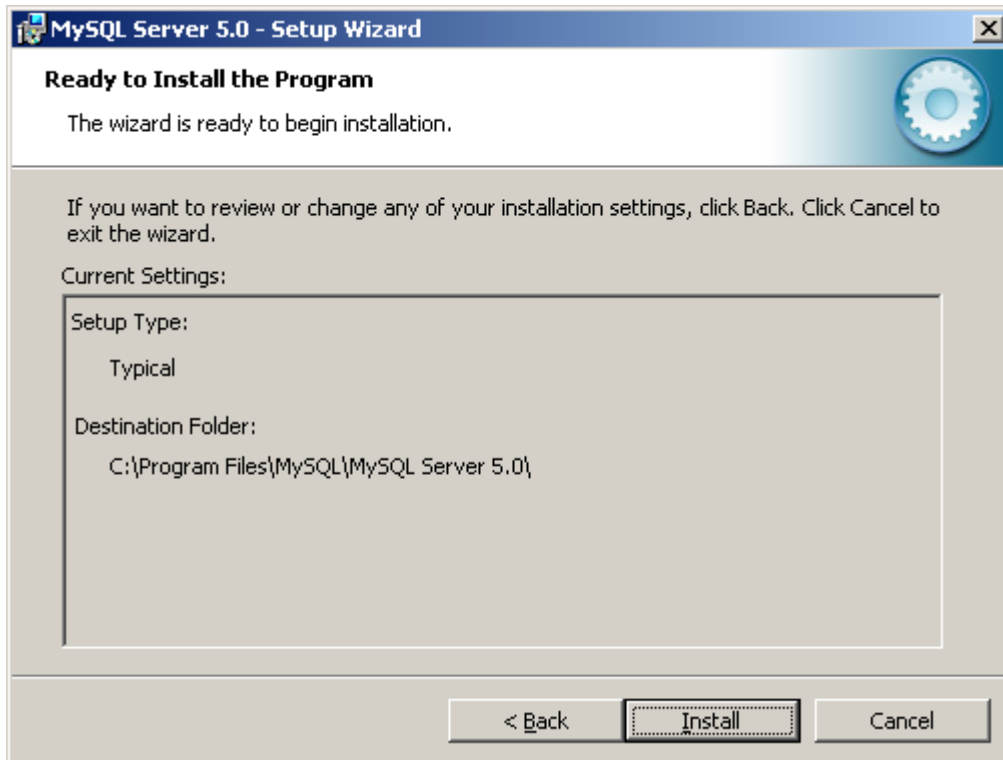
Установка и настройка репликации
для MySQL сервера

Установка

1. Устанавливаются:

- mysql-essential-5.0 (или текущая версия с диска);





MySQL.com Sign Up - Setup Wizard

MySQL.com Sign-Up
Login or create a new MySQL.com account.

Please log in or select the option to create a new account.

Create a new free MySQL.com account
If you do not yet have a MySQL.com account, select this option and complete the following three steps.

Login to MySQL.com
Select this option if you already have a MySQL.com account. Please specify your login information below.

Email address:

Password:

Skip Sign-Up

Next > Cancel

MySQL Server 5.0 - Setup Wizard

Wizard Completed

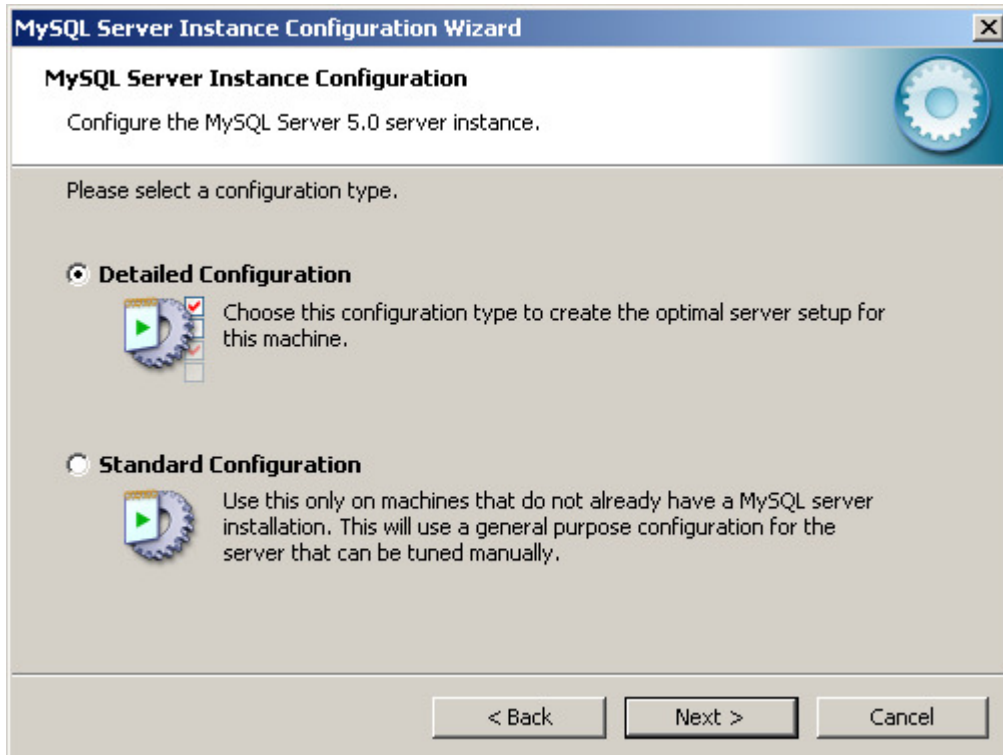
Setup has finished installing MySQL Server 5.0. Click Finish to exit the wizard.

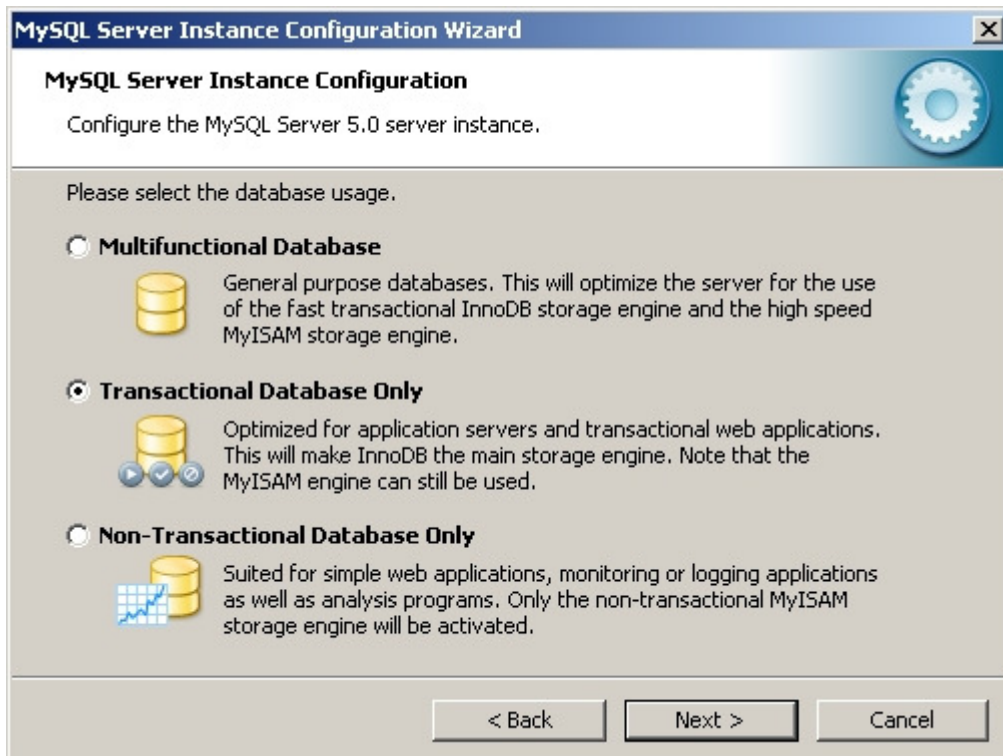
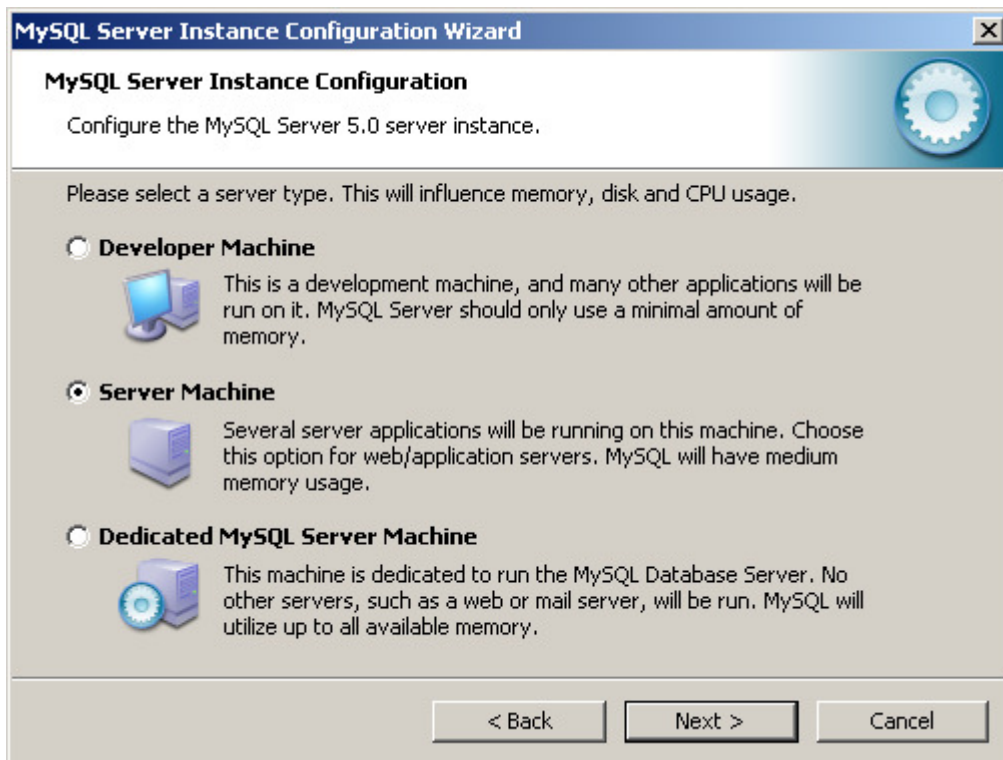
Configure the MySQL Server now
Use this option to generate an optimized MySQL config file, setup a Windows service running on a dedicated port and to set the password for the root account.

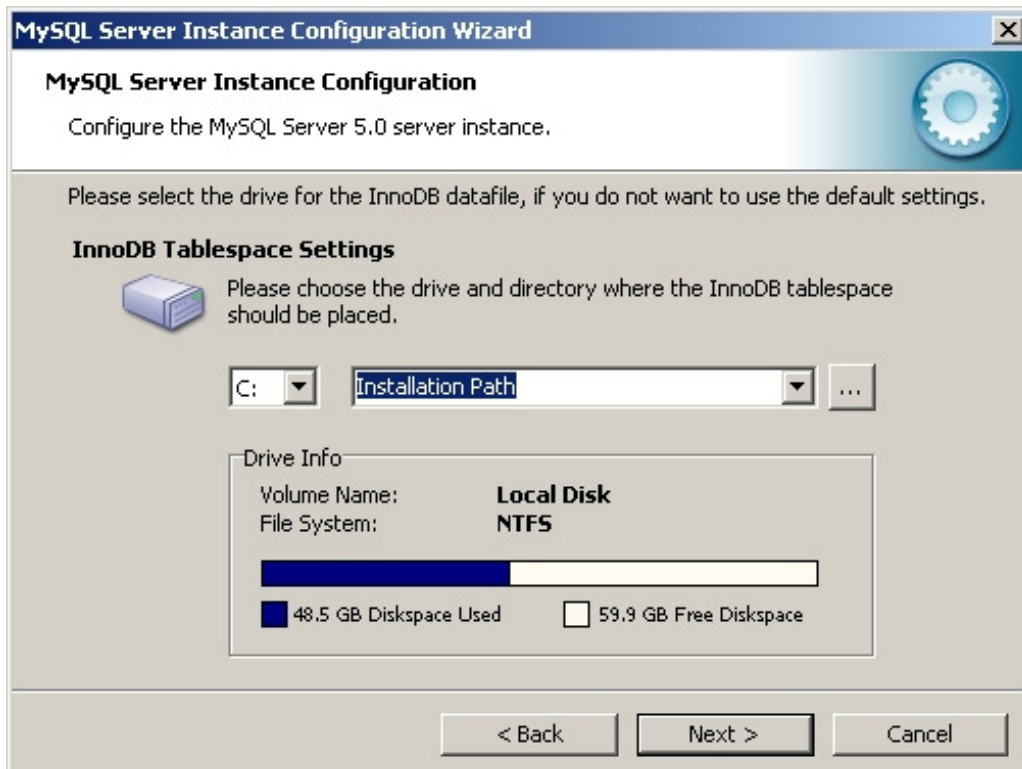
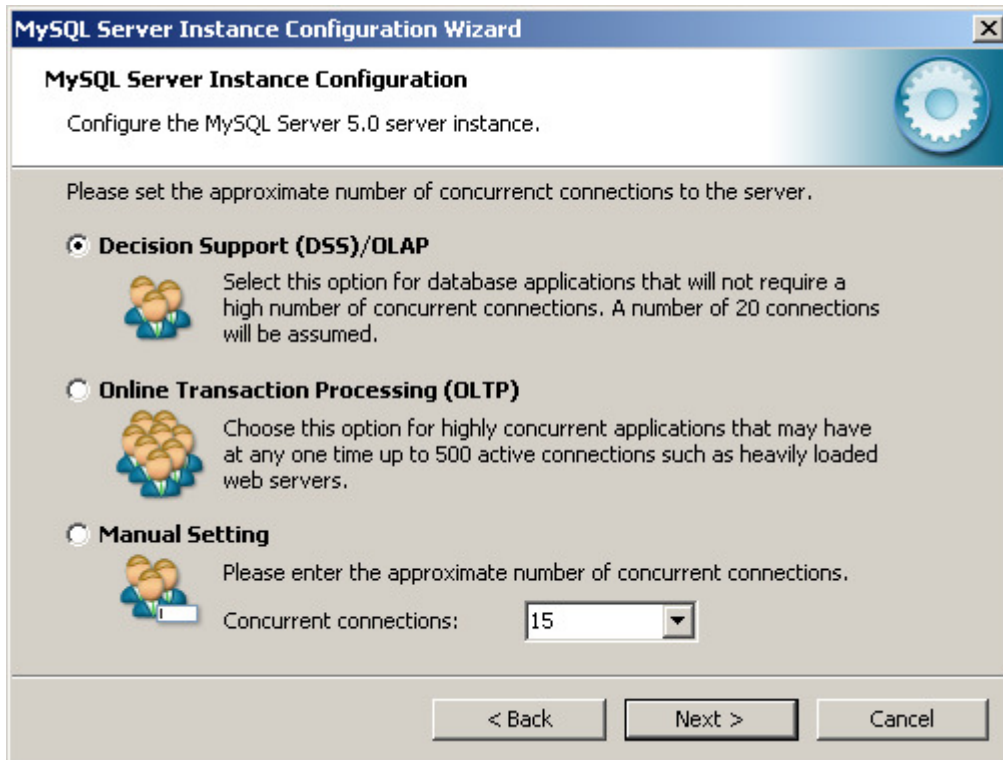
MySQL[®]

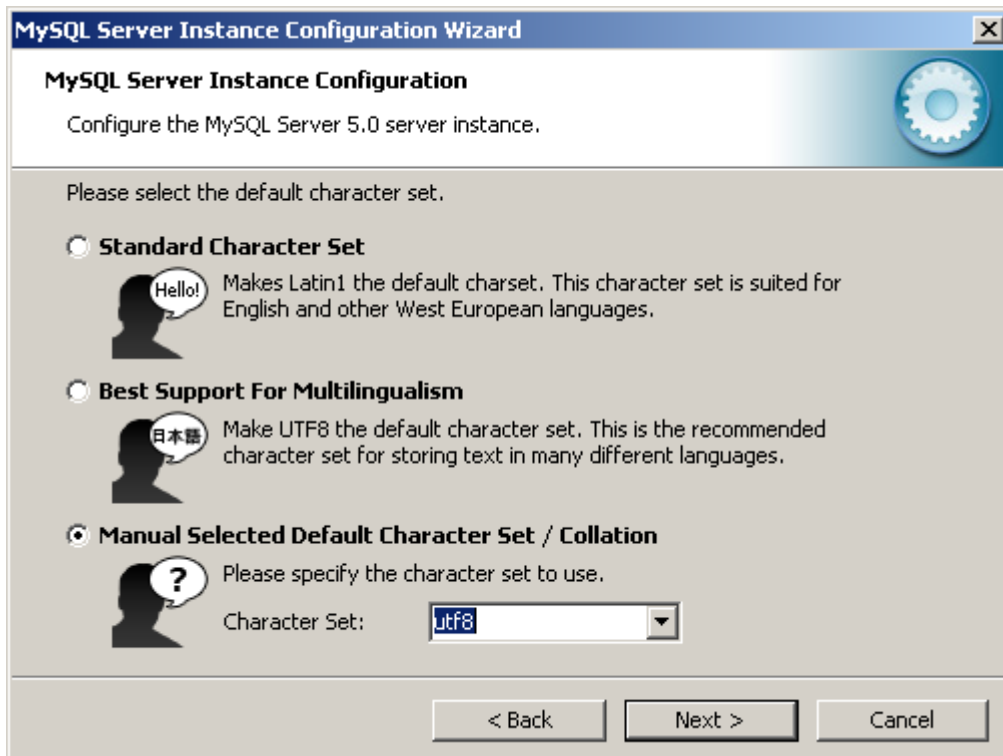
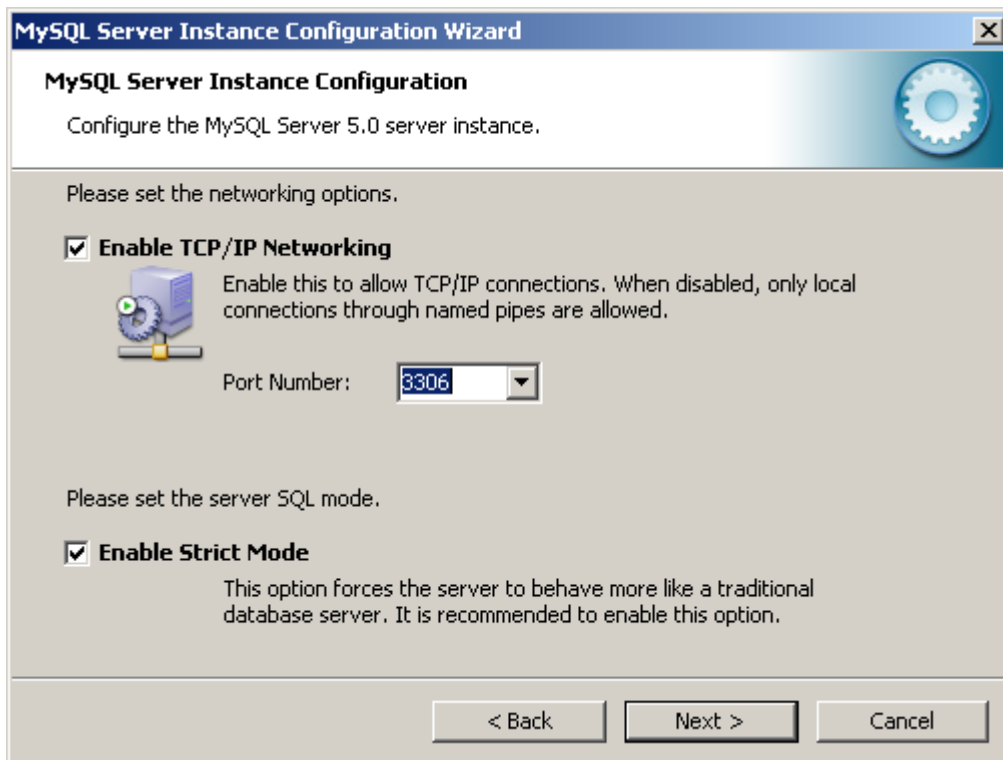
< Back Finish Cancel

- MySQL Server Instance Configuration Wizard









MySQL Server Instance Configuration Wizard

MySQL Server Instance Configuration
Configure the MySQL Server 5.0 server instance.

Please set the Windows options.

Install As Windows Service

 This is the recommended way to run the MySQL server on Windows.

Service Name:

Launch the MySQL Server automatically

Include Bin Directory in Windows PATH

 Check this option to include the directory containing the server / client executables in the Windows PATH variable so they can be called from the command line.

< Back Next > Cancel

MySQL Server Instance Configuration Wizard

MySQL Server Instance Configuration
Configure the MySQL Server 5.0 server instance.

Please set the security options.

Modify Security Settings

 New root password: Enter the root password.

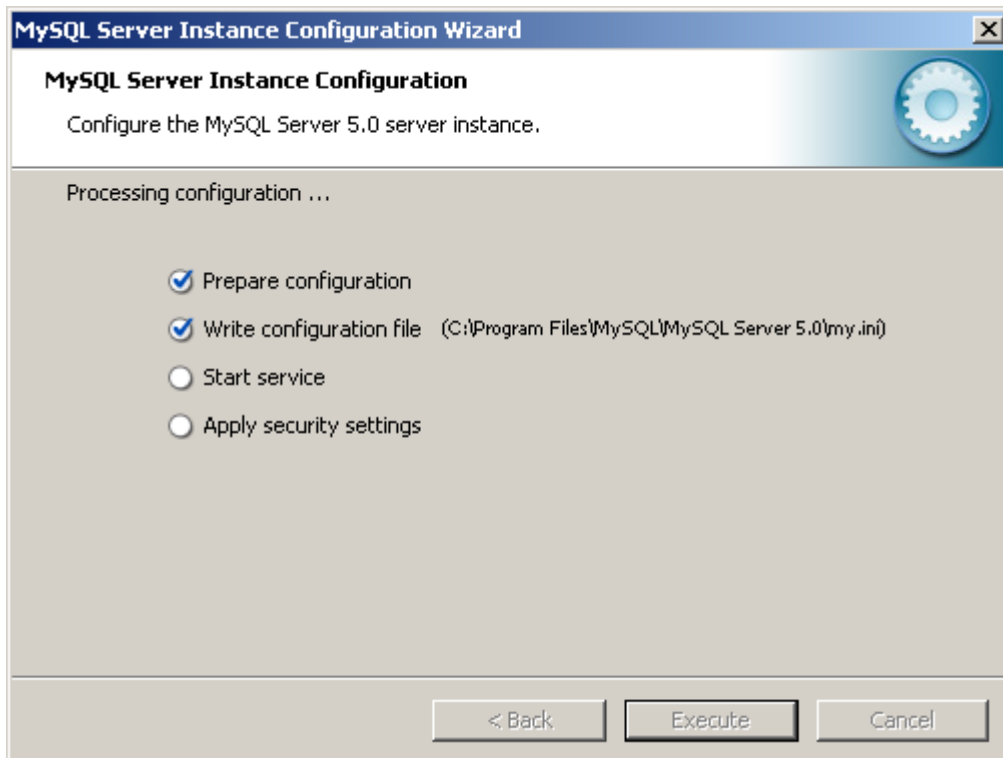
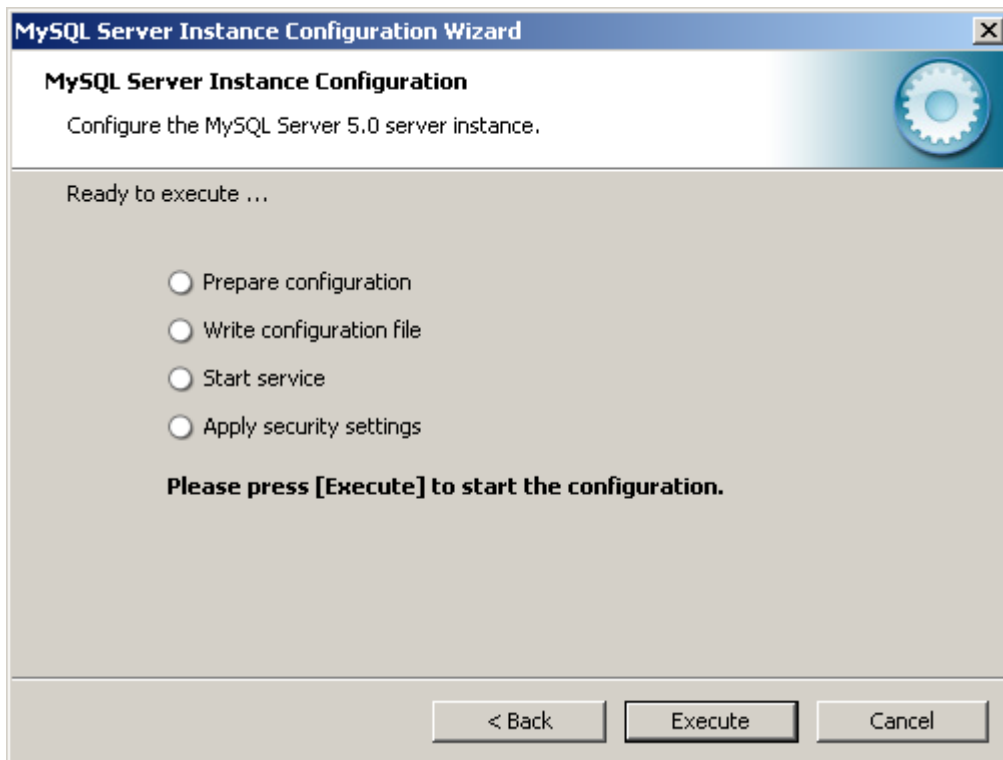
 Confirm: Retype the password.

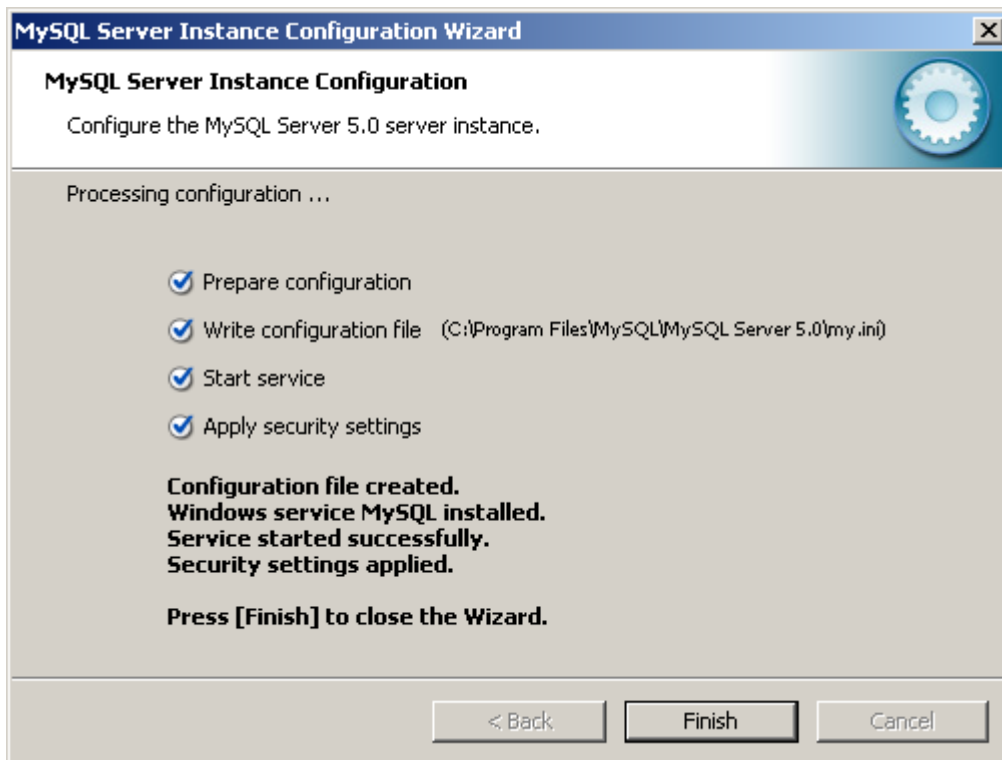
Enable root access from remote machines

Create An Anonymous Account

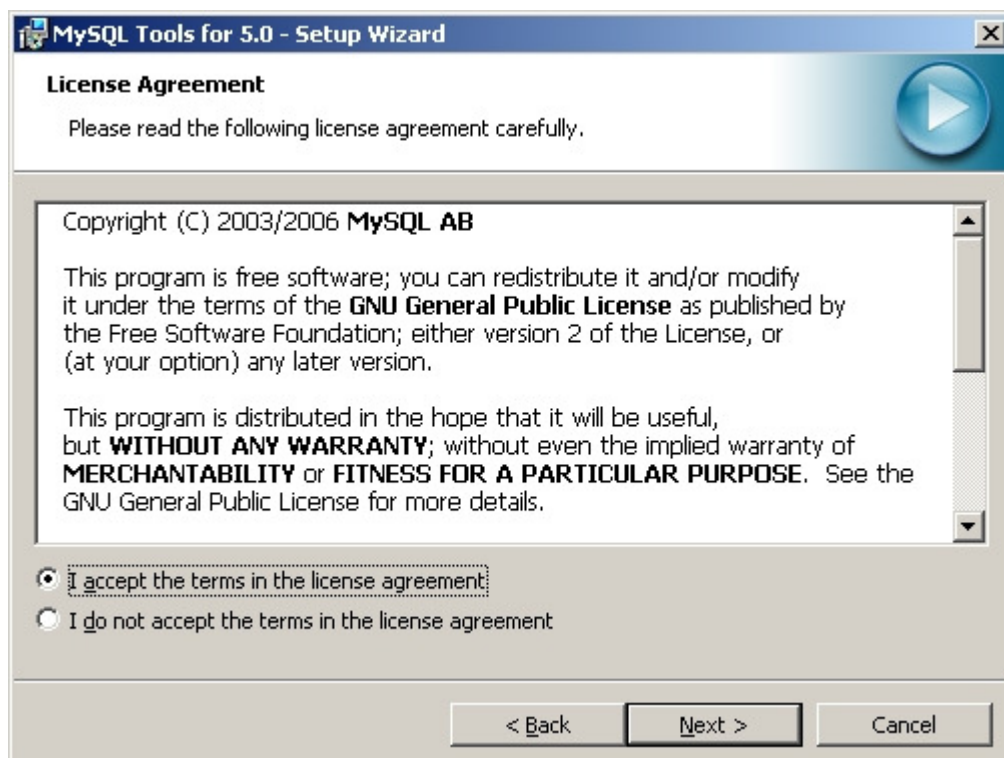
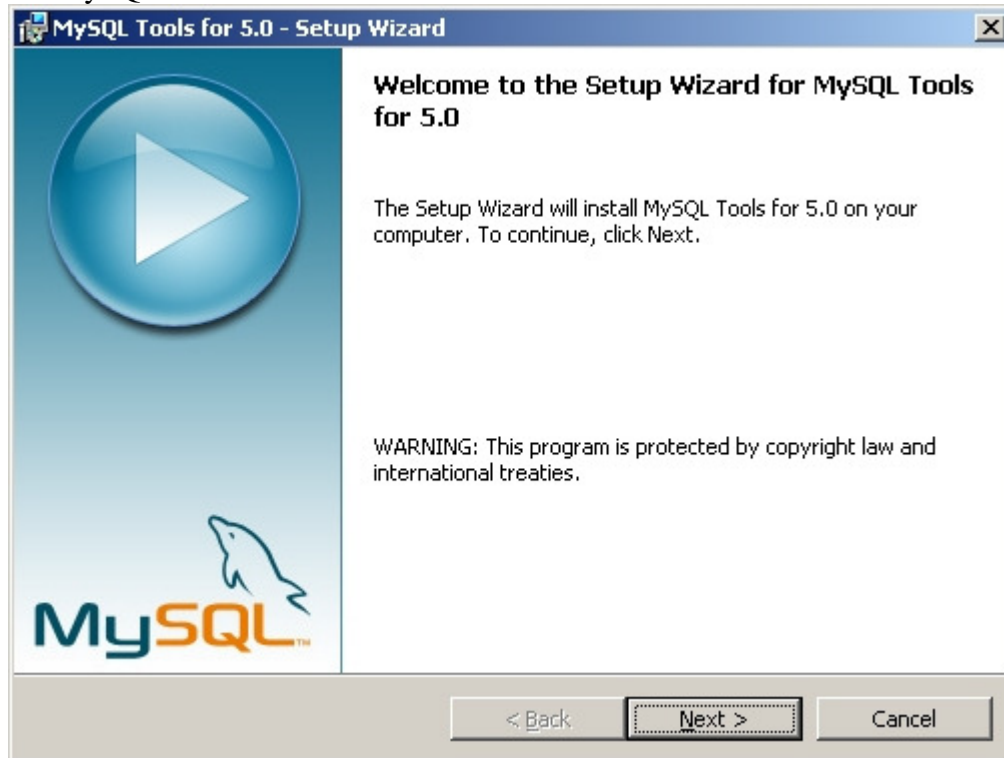
 This option will create an anonymous account on this server. Please note that this can lead to an insecure system.

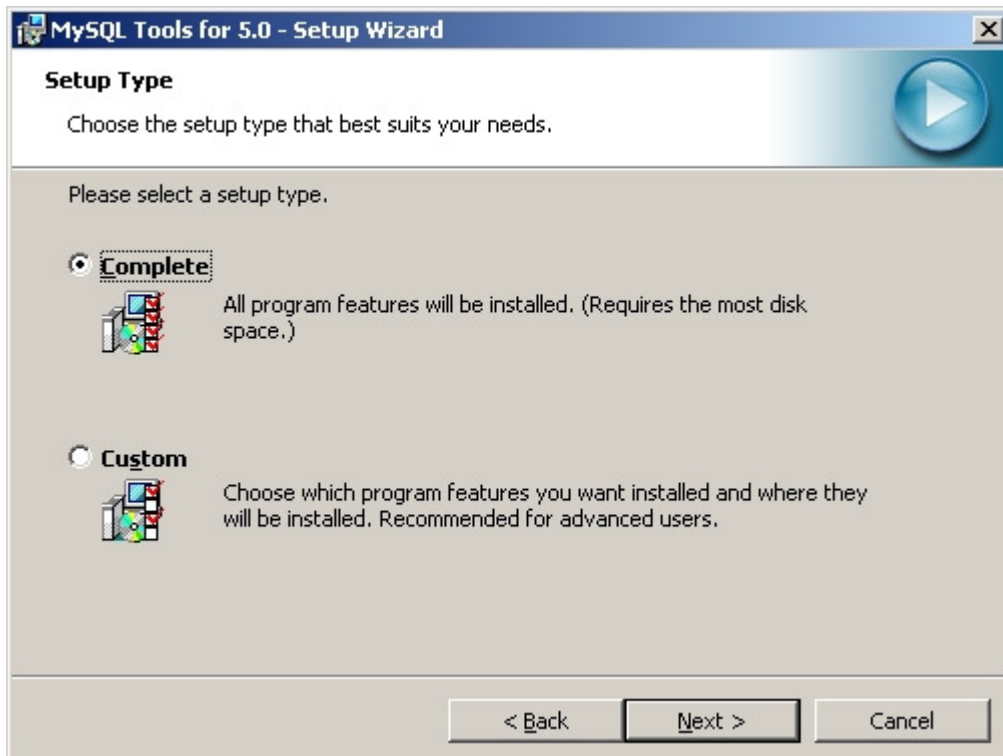
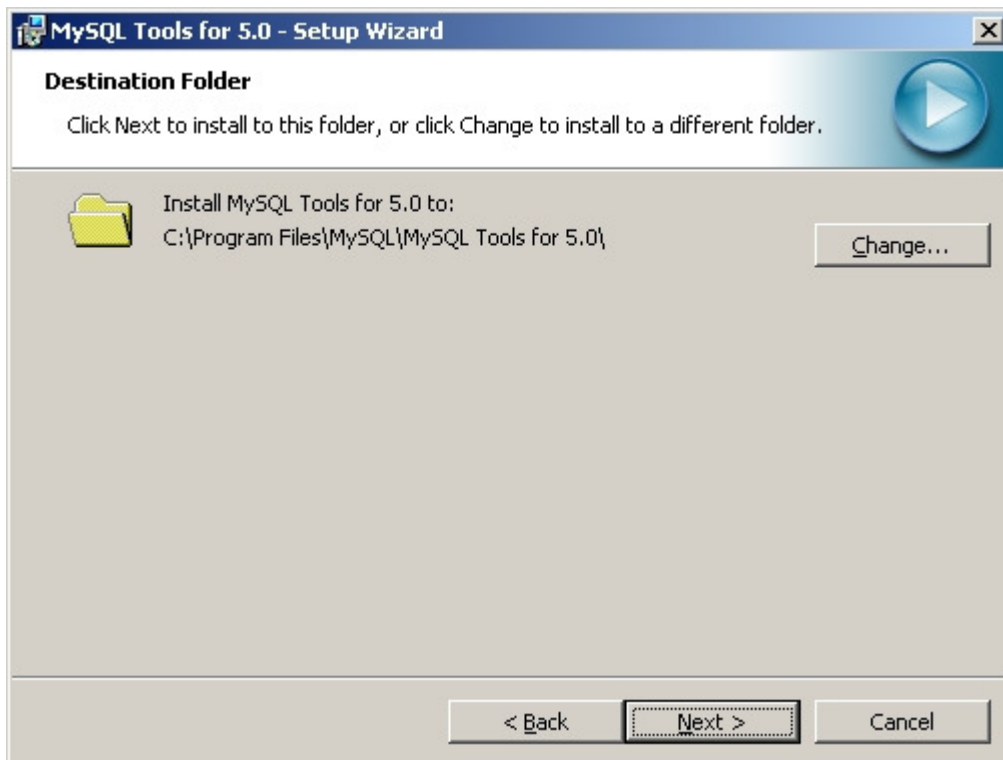
< Back Next > Cancel

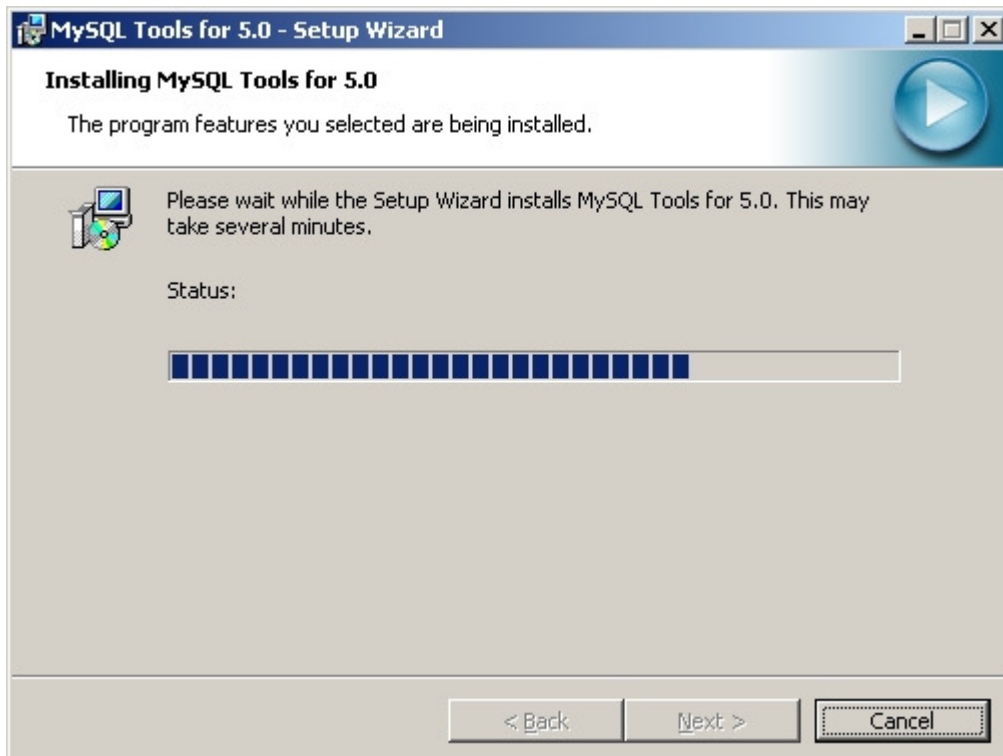
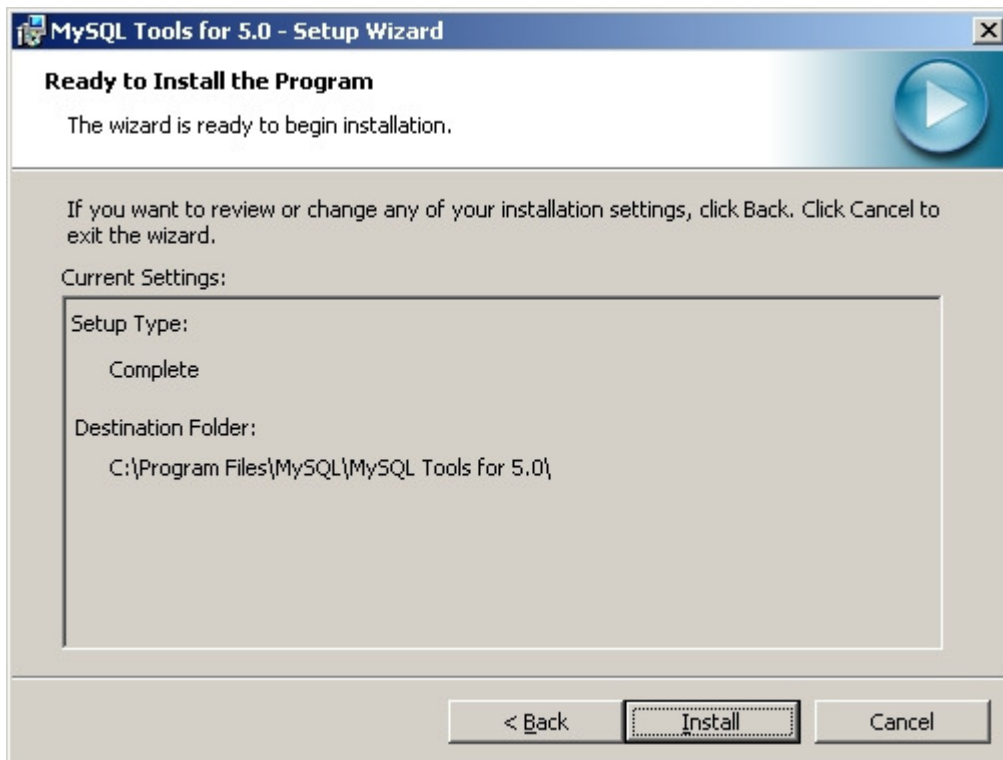


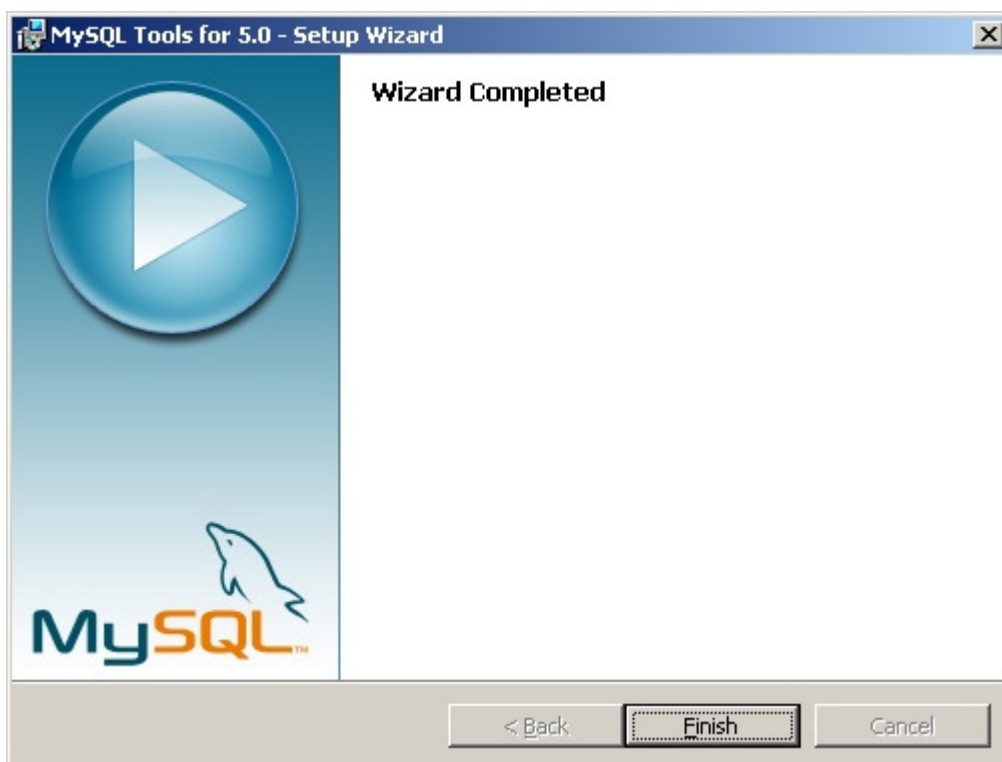


- MySQL Tools:









2. Настроить Windows Firewall, добавив(открыв) в разделе Exceptions порт 3306. (Проверить видимость этого порта и при необходимости открыть их у интернет-провайдера).

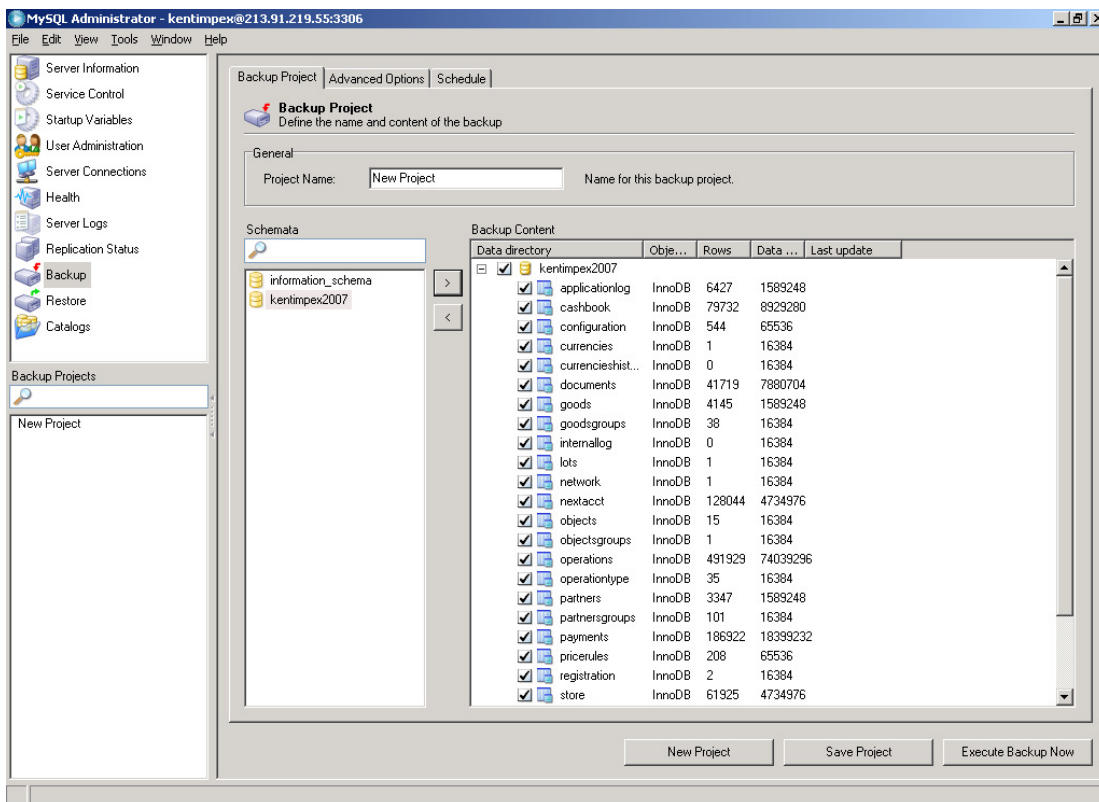
Настройка Master сервера:

1. Создать базу данных для репликации;
2. В файле „my.ini”, находящемся в директории MySQL Server добавить раздел:
Replication
server-id=1
log-bin=mysql-bin
connect_timeout=60
skip-name-resolve

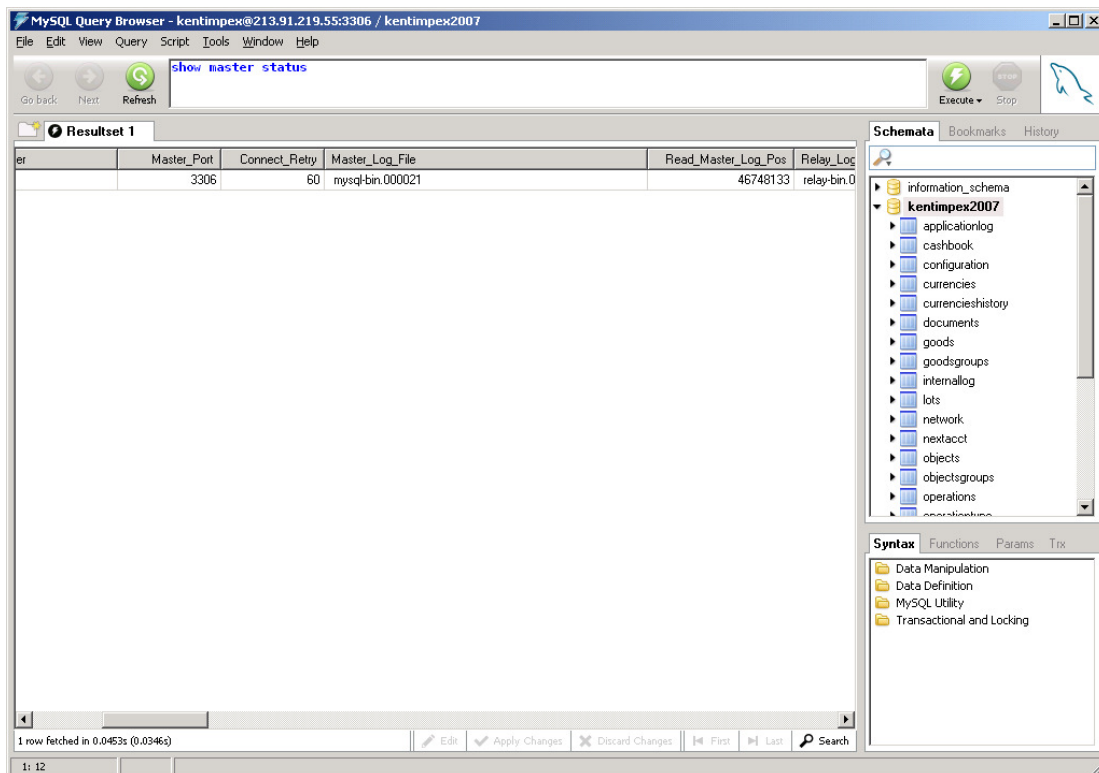
Примечание: server id для Master „1”

3. Перезапустить MySQL Server;

4. Создать Backup базы данных с помощью MySQL Administrator, чтобы создать затем базы данных для slave.

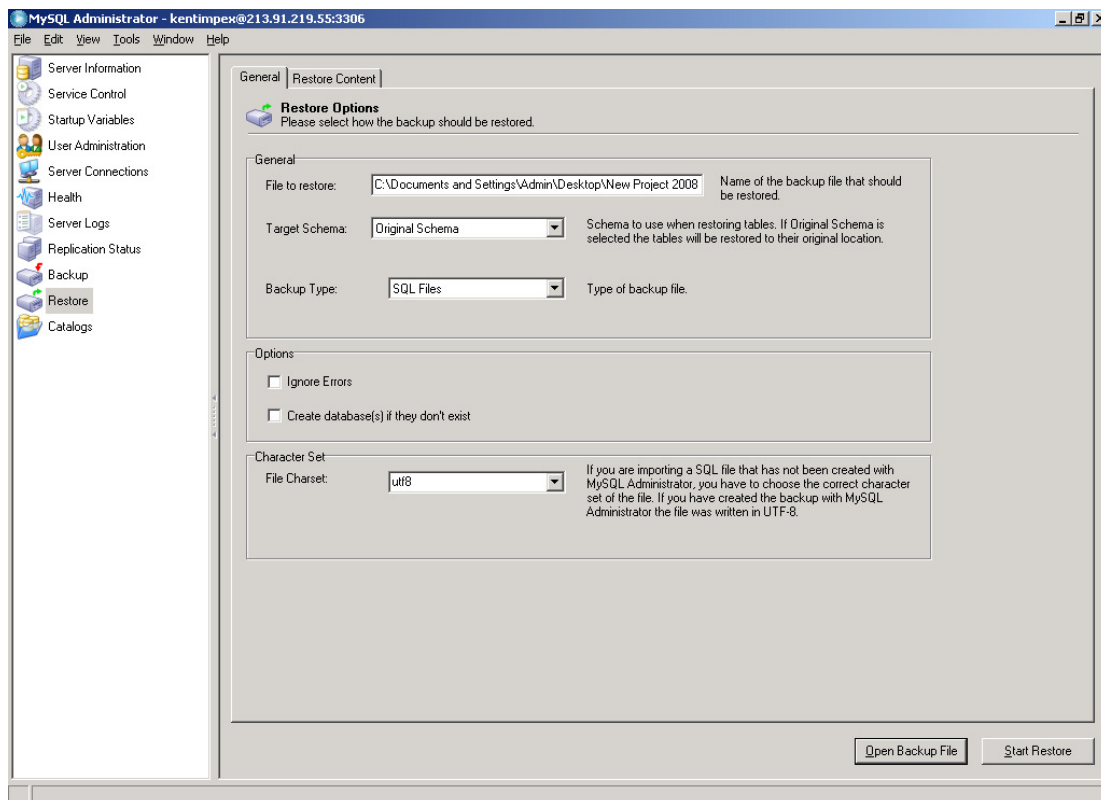


5. Выполнить команду „show master status” в MySQL Query Browser и записать log- файл и позицию.



Настройка на Slave серверите:

1. Создать базу данных, выполнив Restore для Backup, созданного для Master;



2. В файле „my.ini”, находящемся на MySQL Server добавить раздел:

```
# Replication
server-id=2
connect_timeout=60
skip-name-resolve
slave-skip-errors=all
relay-log=relay-bin
slave_net_timeout=10
```

Примечание: server id для slave идут по порядку и различаются для каждого Slave

3. Перезапустить MySQL Server;
4. В MySQL Query Browser выполнить команду:

```
CHANGE MASTER TO
MASTER_HOST='master_host_name',
MASTER_USER='replication_user_name',
MASTER_PASSWORD='replication_password',
MASTER_LOG_FILE='Logfile',
MASTER_LOG_POS=Log pos
```

5. В MySQL Query Browser выполнить команду: „start slave”

6. В MySQL Query Browser выполнить команду: „show slave status”, при правильно настроенной репликации в поле „Slave_IO_State” должно быть написано „Waiting for master to send event”, а поле „Seconds_Behind_Master” должно быть отлично от „Null”.

