

GENOVA PROJECT

INSTALLATION AND CONFIGURATION

by Alex M.S

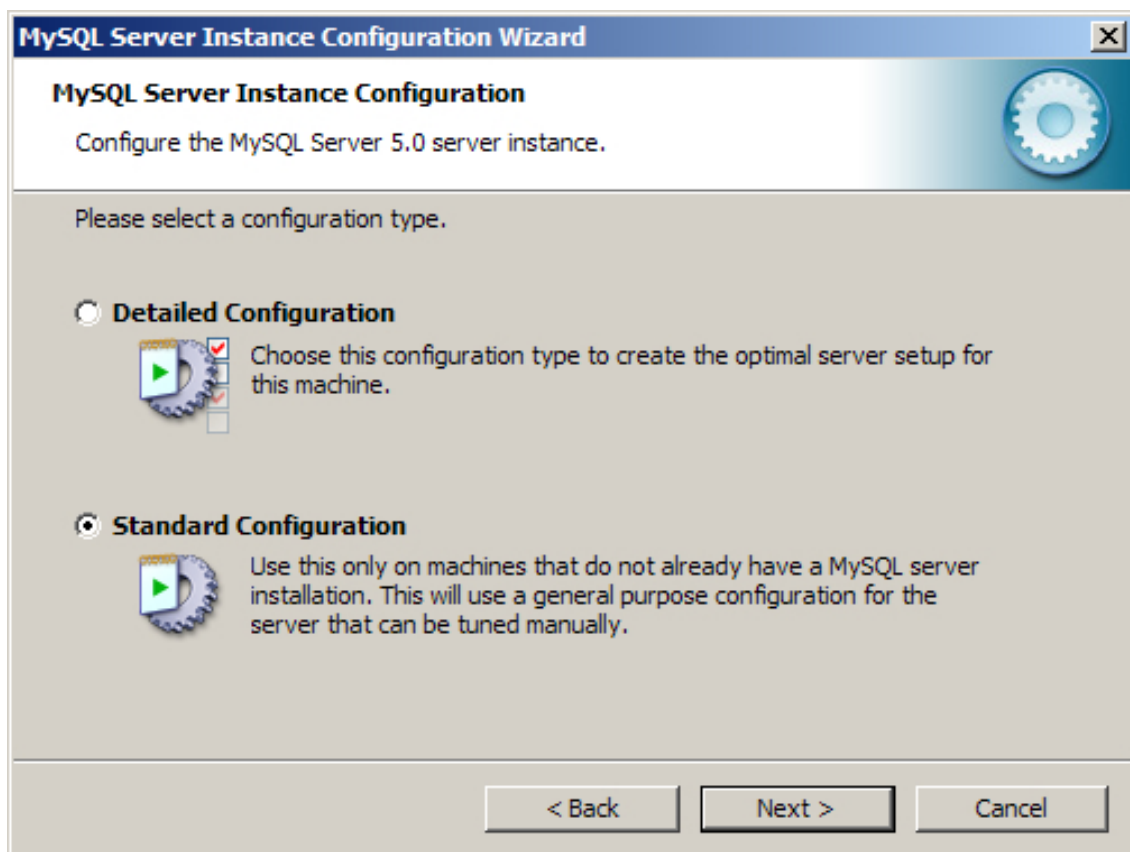
1. REQUERIMENTS

- Mysql 5.0 (<http://dev.mysql.com/downloads/mysql/5.0.html#downloads>)
- Mysql GUI Tools (<http://dev.mysql.com/downloads/gui-tools/5.0.html>)
- TortoiseSVN (<http://tortoisesvn.net/downloads>)
- .NET Framework (for .net users) (<http://www.microsoft.com/downloads>)
- Mono (for mono users) (<http://www.go-mono.com/mono-downloads/download.html>)

2. INSTALLATION AND CONFIGURATION

1. Install the applications required extract the Mysql 5.0 and Mysql GUI Tools.

2. Now install the Mysql 5.0. In settings follow the steps below:




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**


 Current root password: Enter the current password.

New root password: Enter the root password.

Confirm: Retype the password.

☐ Enable root access from remote machines

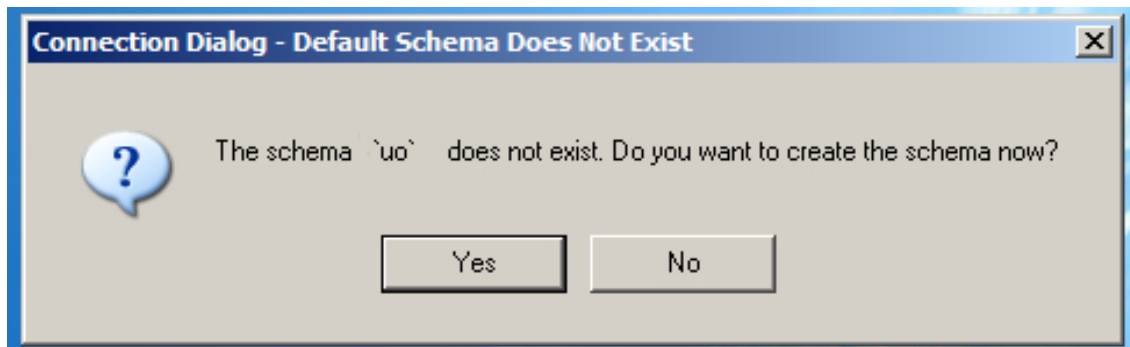
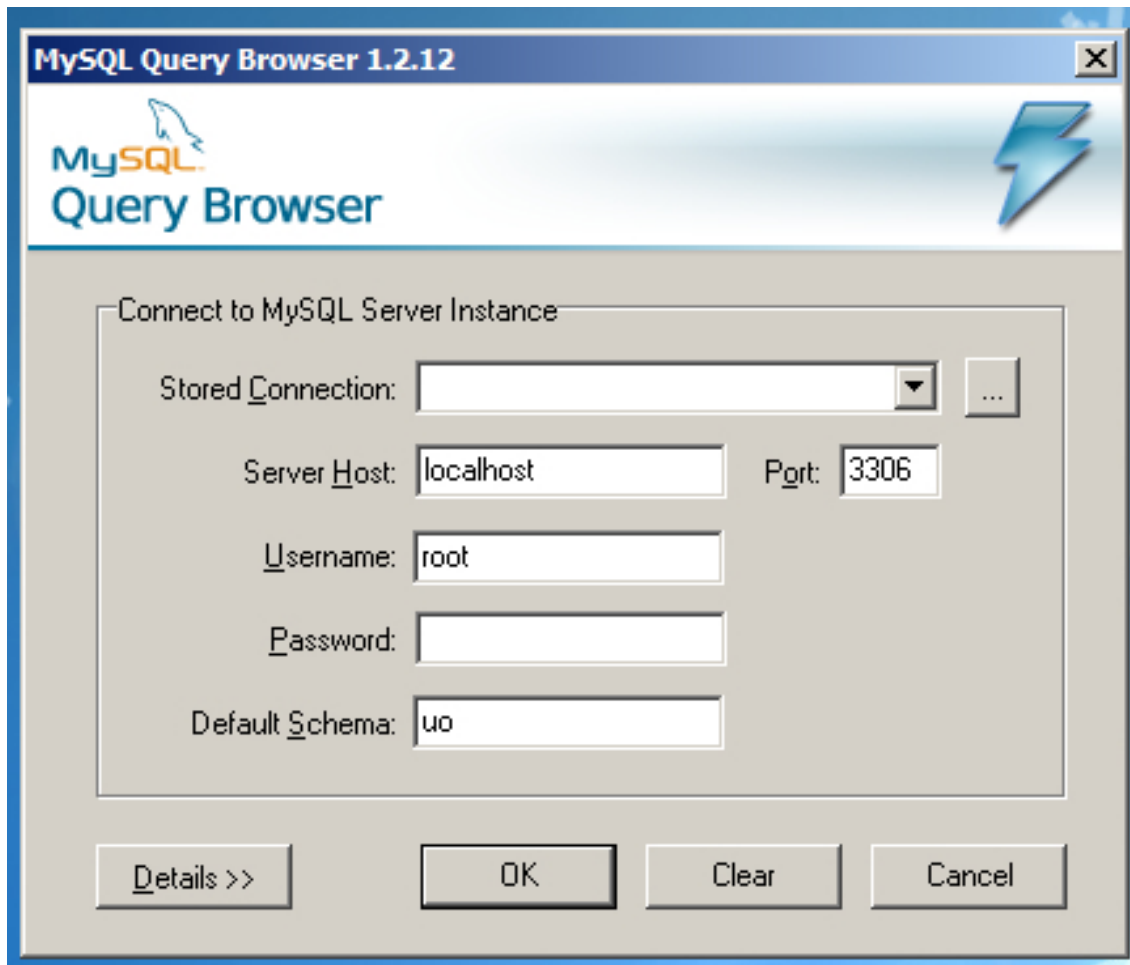
☐ Create An Anonymous Account

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

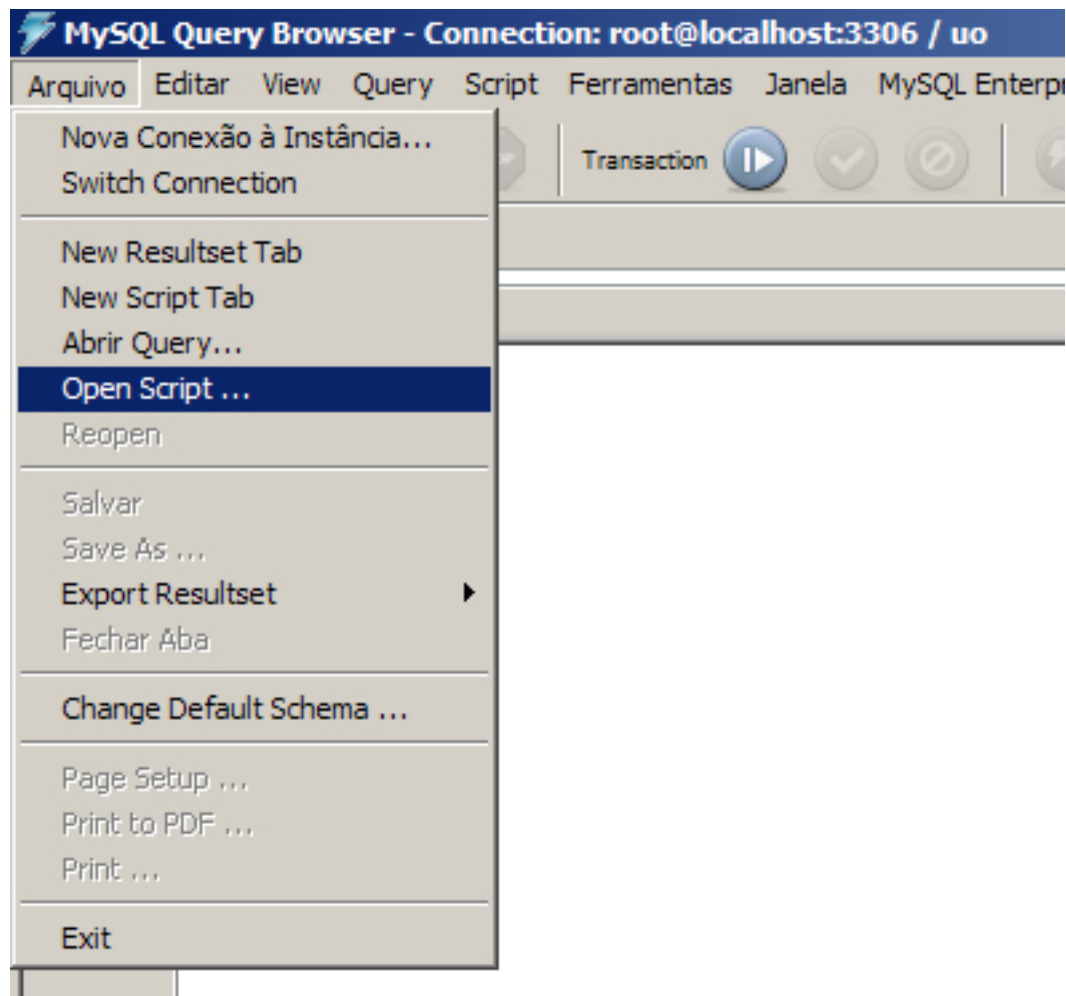
< Back Next > Cancel

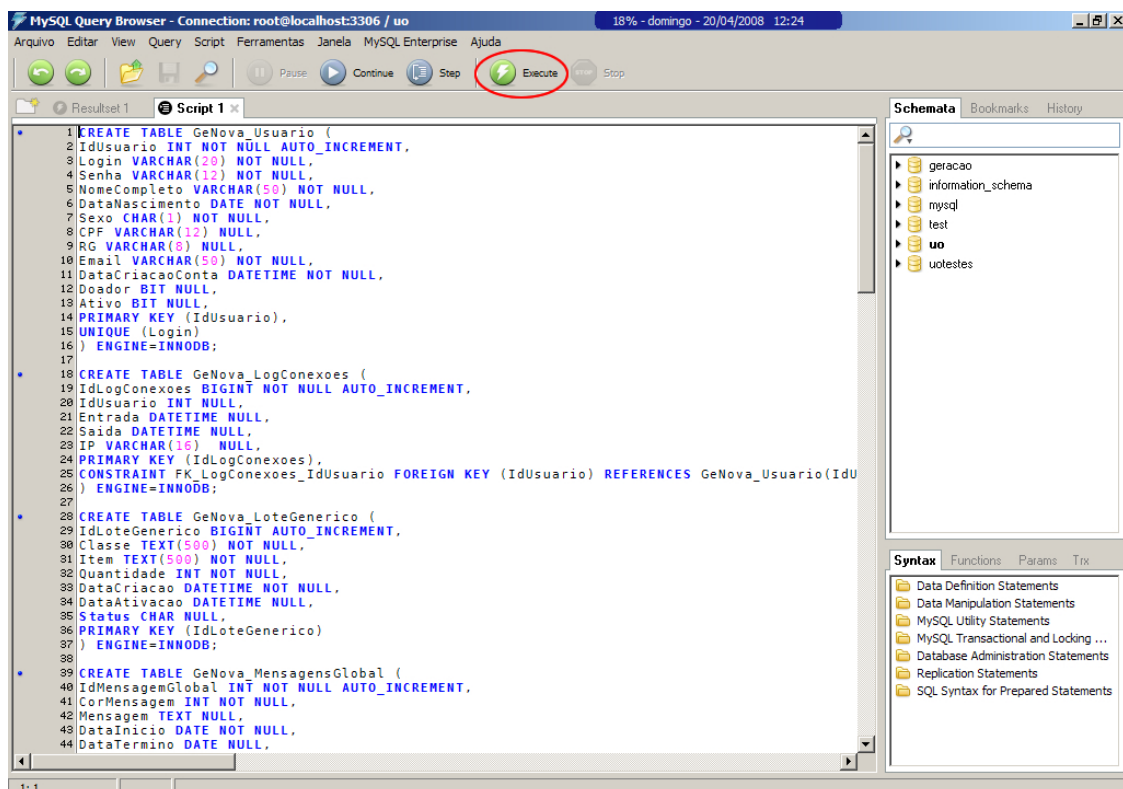
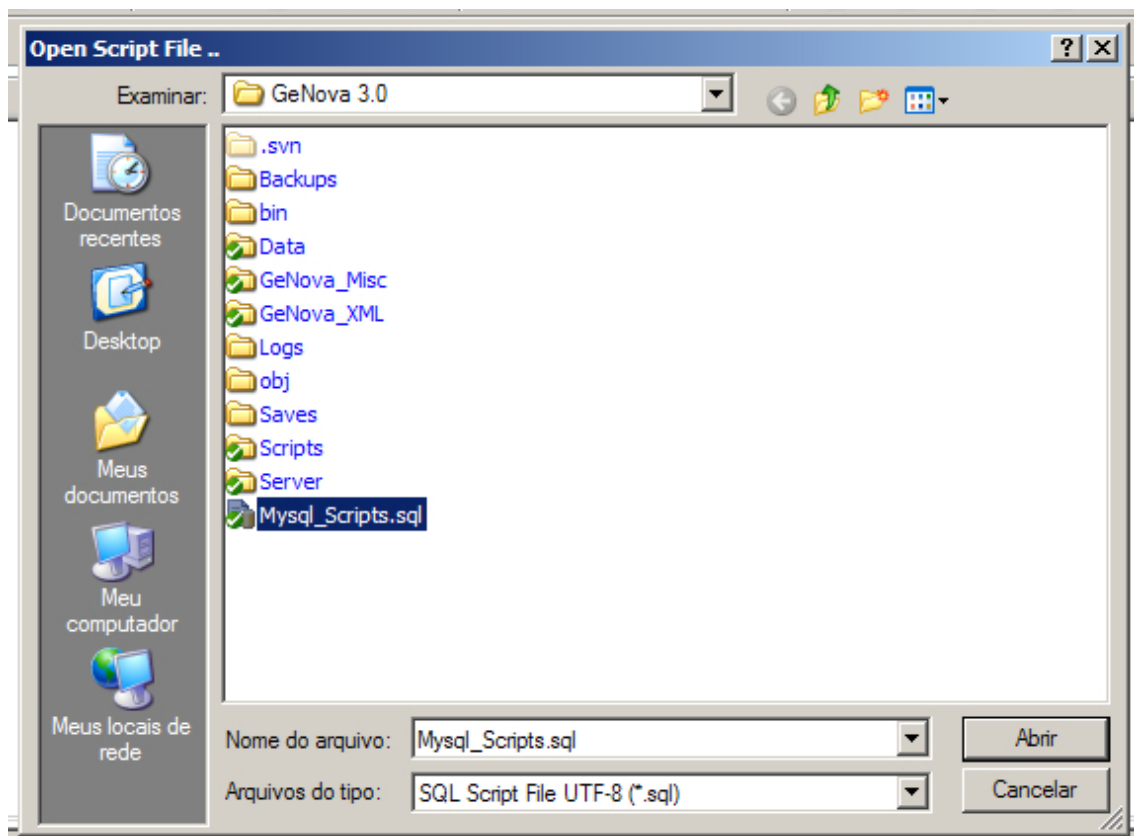
PS: Not checking the option "Modify Security Settings" you will be with the user root and password empty.

3. Install Mysql GUI Tools and open Mysql Query Browser. Create schema/database for genova project. View:



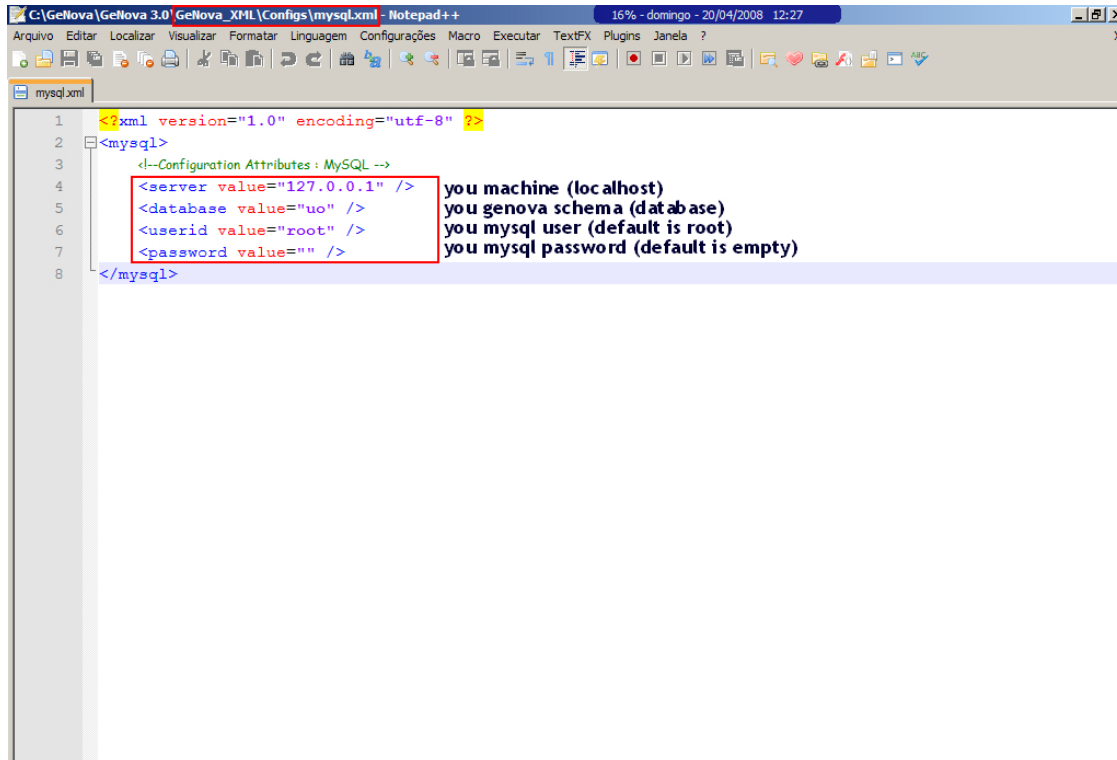
4. Now we import tables and other data to our database. Here's how:





Click EXECUTE and will be all right. ☺

5. We will set up two files now. Our setup for the Mysql work with the project and settings to compile the project without needing open the Visual Studio.

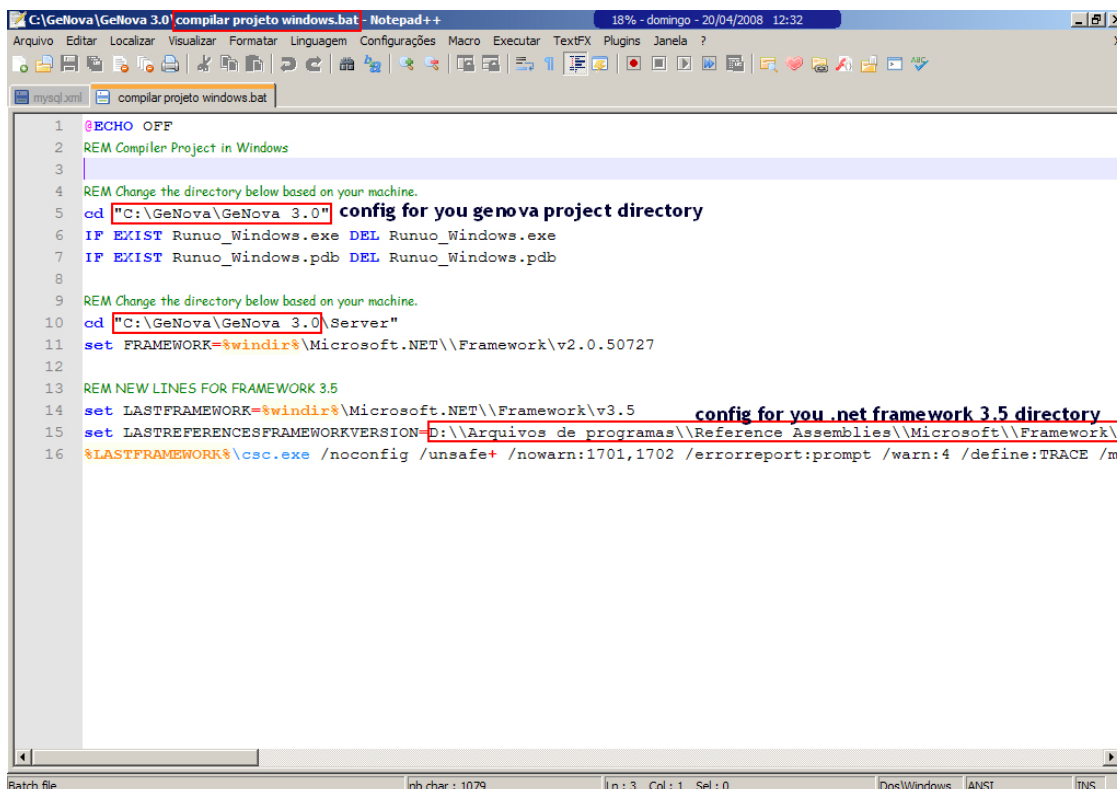


The screenshot shows a Notepad++ window with the file 'mysql.xml' open. The XML content is as follows:

```
1 <?xml version="1.0" encoding="utf-8" ?>
2 <mysql>
3   <!--Configuration Attributes: MySQL-->
4   <server value="127.0.0.1" />
5   <database value="uo" />
6   <userid value="root" />
7   <password value="" />
8 </mysql>
```

Annotations on the right side of the XML tags:

- you machine (localhost)
- you genova schema (database)
- you mysql user (default is root)
- you mysql password (default is empty)

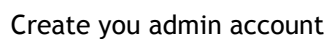


The screenshot shows a Notepad++ window with the file 'compilar projeto windows.bat' open. The batch file content is as follows:

```
1 @ECHO OFF
2 REM Compiler Project in Windows
3
4 REM Change the directory below based on your machine.
5 cd "C:\GeNova\GeNova 3.0" config for you genova project directory
6 IF EXIST Runuo_Windows.exe DEL Runuo_Windows.exe
7 IF EXIST Runuo_Windows.pdb DEL Runuo_Windows.pdb
8
9 REM Change the directory below based on your machine.
10 cd "C:\GeNova\GeNova 3.0\Server"
11 set FRAMEWORK=%windir%\Microsoft.NET\Framework\v2.0.50727
12
13 REM NEW LINES FOR FRAMEWORK 3.5
14 set LASTFRAMEWORK=%windir%\Microsoft.NET\Framework\v3.5 config for you .net framework 3.5 directory
15 set LASTREFERENCESFRAMEWORKVERSION=D:\Arquivos de programas\Reference Assemblies\Microsoft\Framework
16 %LASTFRAMEWORK%\csc.exe /noconfig /unsafe+ /nowarn:1701,1702 /errorreport:prompt /warn:4 /define:TRACE /m
```

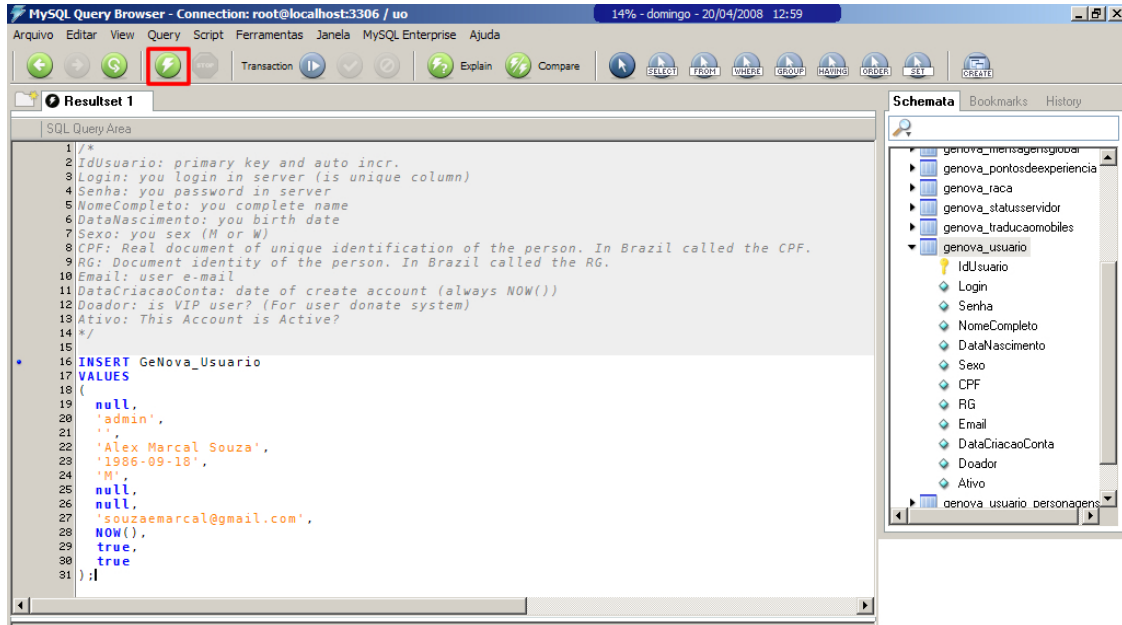
You can compile the project opening the file 'compilar projeto windows.bat' or doing it by himself visual studio. It is your choice.

Compile the project (view step 5.) and open file



```
Restricting client version to 6.0.1.10. Action to be taken: LenientKick
This server has no accounts. Create you admin account. Sample:
Do you want to create the owner account now? (y/n) login='admin' | password="" (empty)
```

Now in Mysql Query Browser to create our record (the user) in the table GENOVA_USUARIO. We have to do this because it is our first user. For other users, you should make a web form to create a record in that table with the column 'Ativo' marked FALSE. With that the system itself will automatically generate the accounts and change the status of this column to TRUE. So does it work the dynamic system of creating accounts.



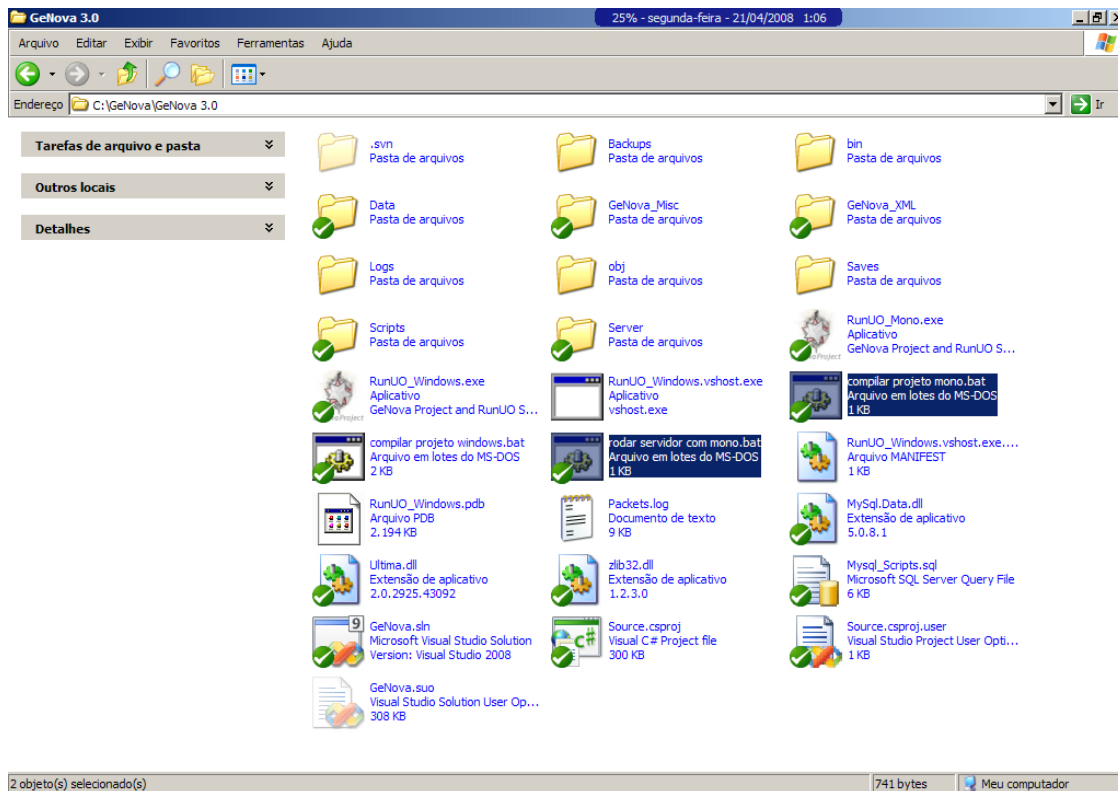
7. In-game using the command [registrarpersonagem for register you person name (unique). This command generates a record for his character in the table GENOVA_USUARIO_PERSONAGENS.

Well, is ready. ☺

3. MONO USERS

Rather than compile and execute the project in the manner proposed, you will do the following steps:

1. Configure the two batchs file



```
C:\Genova\Genova 3.0\compilar projeto mono.bat - Notepad++ 11% - segunda-feira - 21/04/2008 1:08
Arquivo Editar Localizar Visualizar Formatar Linguagem Configurações Macro Executar TextFX Plugins Janela ?
mysql.xml compilar projeto windows.bat compilar projeto mono.bat rodar servidor com mono.bat

1 @ECHO OFF
2 REM COMPILAR NO WINDOWS COM MONO
3
4 REM Change the directory below based on your machine.
5 cd "C:\Genova\Genova 3.0" config for you genova project directory
6 IF EXIST Runuo_Mono.exe DEL Runuo_Mono.exe
7
8 REM Change the directory below based on your machine.
9 cd "C:\Genova\Genova 3.0\Server" config for you genova project directory
10 set FRAMEWORK=C:\Program Files\Mono\bin config for you mono directory
11 %FRAMEWORK%\gmcs -define:MONO -unsafe+ -optimize -target:exe -out:..\RunUO_Mono.exe -win32icon:genova.ico
12
13 REM COMPILAR NO LINUX COM MONO
14 REM $ ~/mono-1.2.5/bin/gmcs -d:MONO -unsafe+ -optimize -t:exe -out:RunUO.exe -recurse:*.cs

Batch file nb char : 658 Ln : 14 Col : 92 Sel : 0 Dos\Windows ANSI INS
```

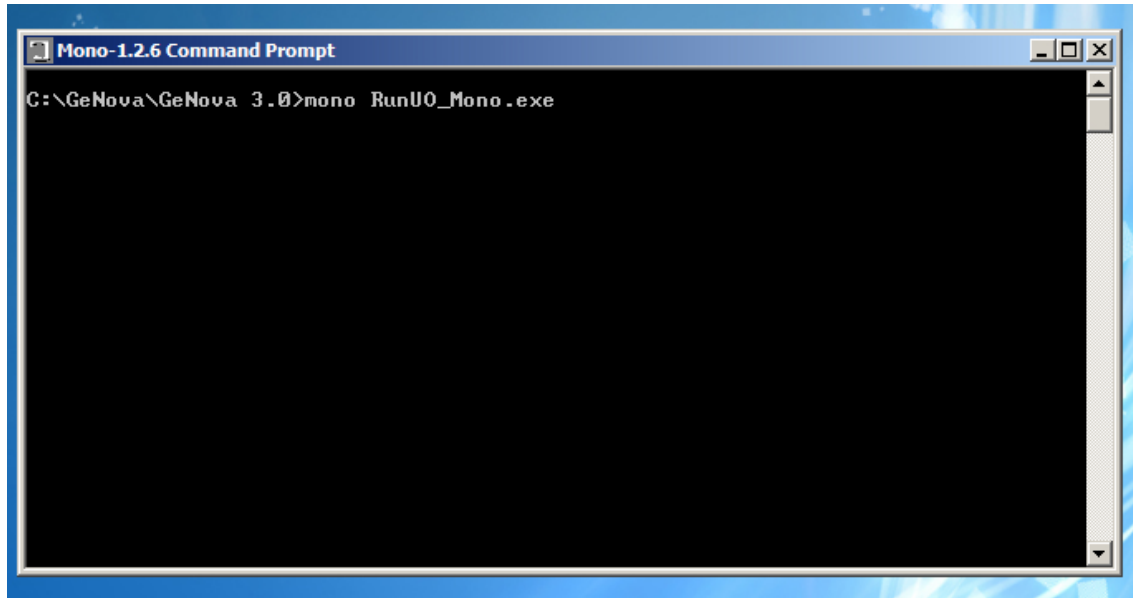
```
C:\Genova\Genova 3.0\rodar servidor com mono.bat - Notepad++ 13% - segunda-feira - 21/04/2008 1:11
Arquivo Editar Localizar Visualizar Formatar Linguagem Configurações Macro Executar TextFX Plugins Janela ?
mysql.xml compilar projeto windows.bat compilar projeto mono.bat rodar servidor com mono.bat

1 @ECHO OFF
2 cd C:\Program Files\Mono\bin config for you mono directory
3 mono "C:\Genova\Genova 3.0\RunUO_Mono.exe" config for you genova project directory

Batch file nb char : 83 Ln : 1 Col : 1 Sel : 0 Dos\Windows ANSI INS
```

2. Now open the file 'compilar projeto mono.bat' to compile the project.

3. To run the project you can do in two ways.
Option one: open the file 'rodar servidor com mono.bat' to load the server.
Option two: open the **Mono Command Prompt** and run the command.



Done. You are running the project with the mono. Do not forget to follow the other steps proposed earlier.