

Setting up and using MYRUNUO

Updated June 22, 2004

The project was the help of a lot of different people like the guys from RUNUO, sno for the updated paperdoll.aspx file and Zulu for the rest of it. We also wanted to thank the various RUNUO users that helped bug fix this project.

This was installed and tested this on Windoze 2k, I am sure it will work on windoze xp. The original forum article can be found at the following link.

<http://www.runuo.com/forum/showthread.php?t=25551&page=1>

These scripts have been tested on <http://www.zuluhotel.com> and <http://www.myzh.com> website. I hope this helps with getting myrunuo working on your shard. If you have any questions about this, please post a message on the forum.

Zulu

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You will have to log in with a user account that has administrator rights.

Installing MYSQL on your computer

Download and install the **FREE** MYSQL download at the following site.

All versions are available (linux, mac, windoze, etc)

<http://www.mysql.com/downloads/mysql-4.0.html>

Installing ODBC MYSQL driver on your computer

Download and install the **FREE** ODBC MYSQL driver the following site.

All versions are available (linux, mac, windoze, etc)

<http://www.mysql.com/downloads/api-myodbc-3.51.html>

Installing Microsoft Data Access Components (MDAC) 2.8

MYRUNUO requires the latest MDAC drivers installed and can be downloaded and installed from the link below.

<http://www.microsoft.com/downloads/details.aspx?FamilyID=6c050fe3-c795-4b7d-b037-185d0506396c&DisplayLang=en>

Installing Internet Information Services(IIS)

- In the **Control Panel**, double click on **Add/Remove Programs**.
- Click on **Add/Remove Windows Components** and add IIS.

XP Home does NOT support IIS. Microsoft suggests upgrading to XP Professional.
You could try to download and install this webserver.

<http://www.asp.net/webmatrix/>

Installing .NET Framework

This HAS to be installed AFTER IIS. If it installed, then reinstall **again** after IIS.

<http://www.microsoft.com/downloads/details.aspx?FamilyID=262d25e3-f589-4842-8157-034d1e7cf3a3&DisplayLang=en>

Installing the ODBC .NET Data Provider

<http://www.microsoft.com/downloads/details.aspx?FamilyID=6ccd8427-1017-4f33-a062-d165078e32b1&displaylang=en>

Installing Ultima Online (UO)

You need to have UO 2D installed, the 3D version will NOT work.

Setting up MYSQL on your computer

Bring up a command prompt window by clicking on the startmenu, then click on run, then type in cmd in the open text box. Then click on ok. See figure 1.

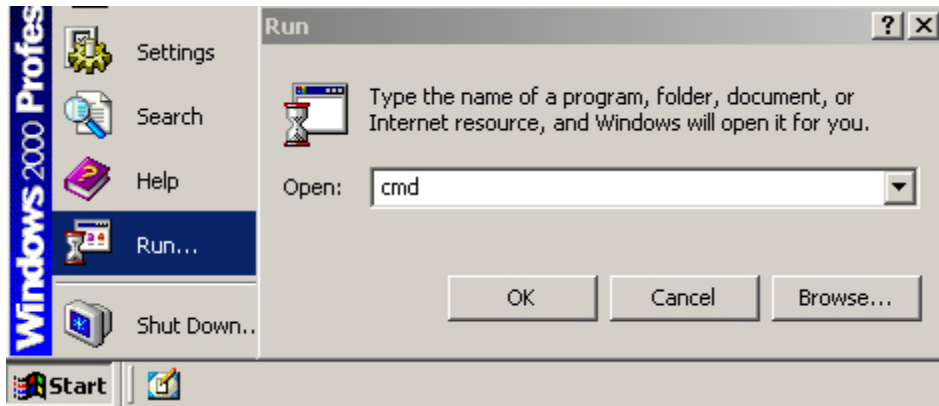


figure 1

Change directories and work your way to your MYSQL bin directory. By default it is located at **c:\mysql\bin**

Securing MYSQL from Hackers

You can check this MYSQL site on how to secure the Initial MySQL Accounts.
http://dev.mysql.com/doc/mysql/en/Default_privileges.html

We need to remove the default users and create a new password. Type the following command (this will allow us to make changes).

mysql -u root mysql

IMPORTANT **Pick a new password and put it in place of **new_password**. The follow commands will set a password for the root user.** Remember this password, because it needs to be used again on page 6.

**UPDATE user SET Password=PASSWORD('new_password')
WHERE user='root';**

FLUSH PRIVILEGES;

You now need to remove the default users by typing the following commands.

DELETE FROM user WHERE user = '';

FLUSH PRIVILEGES;

Now type quit to exit the MYSQL server.

Setting up MYSQL on your computer

Start the MySQLAdmin program from the windows explorer.

C:\mysql\bin\winmysqladmin.exe

Logging in MYSQL

Start up the MYSQL command prompt. This will allow you to create tables, databases, delete items, etc. After you type this, you need to type in your password that was setup in the previous page.

mysql -h localhost -u root -p

Creating your MYRUNUO database

This only needs to be typed ONCE and is never needed again.

CREATE DATABASE MyRunUO;

Using MYRUNUO Database

When you login and want to use the MYRUNUO database you need to type the following command. This is needed every time you log in.

USE MyRunUO;

Creating Tables

After you logged in and you are using the MYRUNUO database you can create tables. Look in the directory myrunuo\tables\mysql*.sql

Load the first table.sql file into notepad. Select all of the text (ctrl+a) and then copy the text (ctrl+c).

Go to command prompt window and paste (right mouse click on window) and the table setup text will be pasted in the window. Now press return and the table will be created.

Now go to the next file and follow the above information. It does not matter what order you create the tables.

MS SQL Server is NOT required if you are using MYSQL.

Setting up MS SQL Server on your computer

I am not going to get into a lot of instructions on how to setup MS SQL Server. If you are able to install SQL Server, then you should be able to create tables, etc.

You can use the program **Enterprise Manager** to create the myrunuo database and use the program **Query Analyzer** to create tables.

Tables are located myrunuo\tables\sql server *.sql

Securing MS SQL Server from Hackers

The following site has 10 Steps to Help Secure SQL Server 2000

<http://www.microsoft.com/sql/techinfo/administration/2000/security/securingsqlserver.asp>

You will have to edit **paperdoll.aspx**, **config.cs** and **config.asp** to use the MS SQL server.

Change the port in the scripts from "3306" to ""

Remove the MYSQL connection string using either ' for asp pages or // for .aspx and .cs files.

Remove the rem from the MS SQL connection string.

Putting passwords in scripts

There are 3 scripts where you need to put in your mysql password that you created on page 3. Load the following scripts into either notepad or your favorite editor, put in your password and save the changes.

paperdoll.aspx

Locate the following lines and type in your username and password.

```
public static string DatabaseUserID           = "username";  
public static string DatabasePassword        = "password";
```

config.cs

Locate the following lines and type in your username and password.

```
public static string DatabaseUserID           = "username";  
public static string DatabasePassword        = "password";
```

config.asp

Locate the following lines and type in your username and password.

```
DatabaseUserID           = "username";  
DatabasePassword        = "password";
```

Getting aspx pages to work

You need a windows OS. Which one did you install first? IIS or .NET framework?
You can check by doing the following steps:

- 1)- Open up the Internet Information Services
- 2)- Go to Default Web Site, right click then select Properties.
- 3)- Select Home Directory Tab then click on Configuration button. This will open another screen with a list of Application Mappings.

If you don't see .aspx on the list then your IIS was not configured to display .NET aspx file type; this happens because IIS was installed after the installation of the framework.

If you install IIS before the .NET framework then you will not have this problem.
You can fix this by:

- 1)- Reinstall .NET framework, or
- 2)- Execute this file (Do not forget the -i)

run either of the following version for .net framework 1.0

C:\WINDOWS\Microsoft.NET\Framework\v1.0.3705\aspnet_regiis.exe -i

OR

C:\WINNT\Microsoft.NET\Framework\v1.0.3705\aspnet_regiis.exe -i

run either of the following version for .net framework 1.1

C:\WINDOWS\Microsoft.NET\Framework\v1.1.4322\aspnet_regiis.exe -i

OR

C:\WINNT\Microsoft.NET\Framework\v1.1.4322\aspnet_regiis.exe -i

If your IIS already configured correctly to display aspx file type.

Installing ultima.dll

This file gets the images to display on the website, place the ultima.dll in the bin directory.

if your home directory is myrunuo then...

<drive>:\inetpub\wwwroot\myrunuo

<drive>:\inetpub\wwwroot\myrunuo\bin\ <here>

if your home directory is wwwroot then...

<drive>:\inetpub\wwwroot\myrunuo

<drive>:\inetpub\wwwroot\bin\ <here>

Are you getting a Red X?

The asp.net service is unable to access the file Gumpidx.mul. You need to give the service permission.

- Go to your **Ultima Online** directory. Right click and select properties.
- Click on security.
- Add user asp.net, give them full control.
- Click on OK.

Are you getting a Red X part 2?

You must install the 2D Ultima Online version because there are files the ultima.dll needs that are not on the 3D version.

Changing the background

Load the paperdoll.aspx file in a text editor. Find the image name on line 21
bg_black.jpg

You can use the following different images

bg_black.jpg

paperdoll with black background

bg_white.jpg

paperdoll with white background

bg_trans.gif

paperdoll with transparent background

Change the filename on line 21 and/or change the image.