



# WDpStats

## Install Procedure

### Table of contents

WDpStats .....	1
Install Procedure.....	1
Table of contents .....	1
Abstract .....	2
Requisites .....	2
Installation.....	2
Difficulties.....	5
Execution.....	7

wdpstats\_install\_oracle\_en.xml

20090522 Version 1.0	Nestor MASNATTA.
20090702 Version 1.1	Updated to WDpStats version 2.2.0 ODBC entry driver changed to "Oracle in XEClient"
20090923 Version 1.2	Updated to WDpStats version 2.6.0
20100222 Version 1.3	Error on who have to launch script for DB creation fixed

## Abstract

This document is a description, step by step, of the procedure for installing the module WDPStats, part of WireLess Deployer.

## Requisites

WDpStats can be installed on Windows 2000/2003/XP with IIS (Internet Information Services). WireLess Deployer has to be installed before the installation of WDpStats. It uses any database manager among Oracle, MySQL, MS Access, SQL Server and SQL Server Express. This document is intended to explain how to install it with Oracle Express.

In order to install WDpStats it is necessary, as prerequisite, the software listed below:

[Python v2.6.2 \(14 MB\)](#)

[Python Extensions for Windows v2.1.4 \(6 MB\)](#)

[NumPy Library for Python v1.3.0 \(5 MB\)](#)

[Matplotlib Library for Python v0.99.0 \(4 MB\)](#)

and

Oracle Database 10g Express Edition for Windows  
[Server \(165 MB\)](#) and [Client \(31 MB\)](#)

Finally WDpStats itself:

[WDpStats v2.6.0](#)

The installer package as well as the prerequisite installers can be reached at:

<http://www.softogo.com/com/en/download/Deployer.html>

The user installing WdpStats must have administrator rights

## Installation

It is necessary to install the packages in the following order:

- 1.- "Python v2.4.3", then
- 2.- "Python Extensions for Windows v2.0.8"
- 3.- "NumPy Library for Python v1.3.0"
- 4.- "Matplotlib Library for Python v0.99.0"

Choose all the options by default.

- 5.- Then, install Oracle Express Server, and then, its client.

Regarding the server installation, the user is asked to choose a password for the SYSTEM and SYS users (choose for example "admin" –without quotes-).

6.- Install **Python v2.6.2**. Choisir toutes les options par défaut.

7.- Creation of database users and tables

It is necessary to create, for the Oracle server, a user (user: administrator, password: admin) with all the privileges, and to create the database.

7.1.- administrator user creation.

7.1.a.- Go to

Start Menu Program Files Oracle Database 10g Express Edition Go To Database Home Page
--

This shortcut executes IE or Firefox or even another browser. It is necessary to have the appropriate security options in order to access those pages. There are some options who don't work on Firefox, making inevitable to use IE.

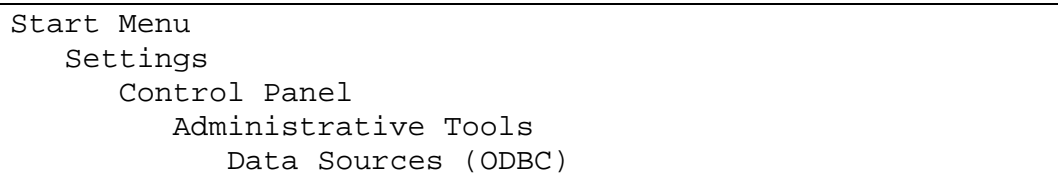
7.1.b.- Write username:SYSTEM, and password:admin

7.1.c.- Go to the menu Administration/Database Users, then, Create for creating the user administrator, password admin with every privilege checked:



Press the Upload button and then choose WDPSTATS, the script will be shown. Press the Run button and verify that all the commands had been run without errors.

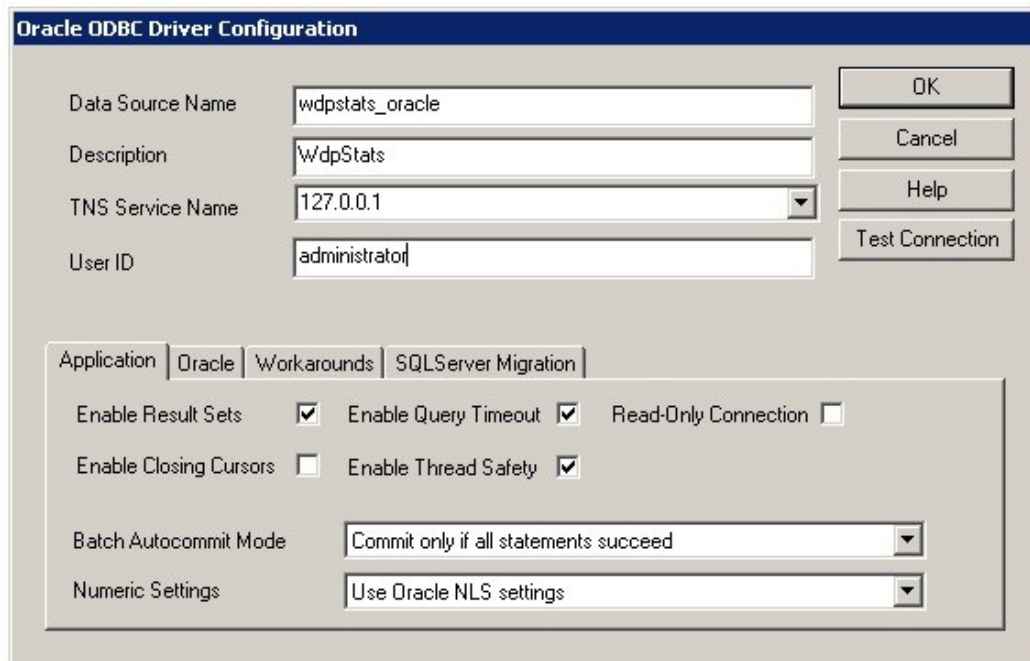
#### 5.- Creation of the ODBC data source



Go to the tab "System DSN"



choose Oracle in XEClient, then Finish, and finally complete the fields as in the next picture:



Click on Test Connection (it is necessary to write the password "admin") in order to test that all configuration is well done.

9.- Give Modify, Read and Write permission to the user IUSR\_\* (Internet Guest Account) for the folder:

C:\Program Files\WireLessDeployer\WDpStats

## Difficulties

1.- On certain IIS versions, it is necessary to modify some security configurations, in order for the dynamic contents to be displayed.

Normally, the error shown at entering the wdpstats homepage is either

HTTP Error 404 - File or directory not found.

or

If you are the Web site administrator and feel you have received this message in error, please see "Enabling and Disabling Dynamic Content" in IIS Help.

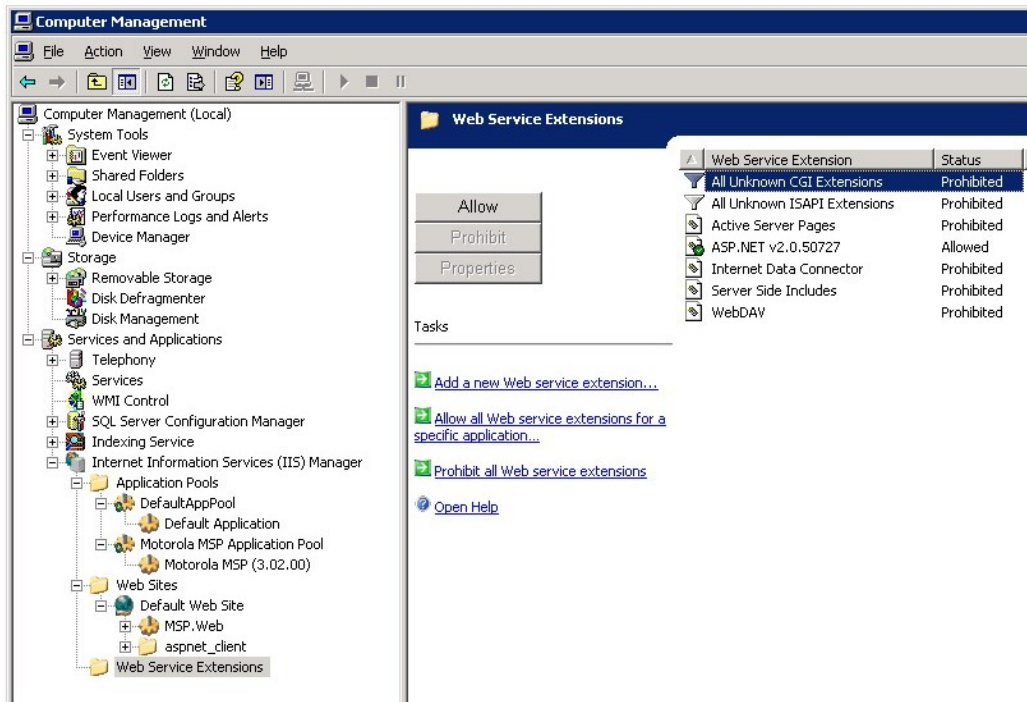
In this case, right click on My Computer at the Desktop, then Manage and finally

Services and applications

Internet Information Services (IIS) Manager

Web Service Extensions

All Unknown CGI Extensions



Do click on the Allow button, then Ok.

2.- On certain installations, when generating monitoring graphs, it is possibly to have an error, obtained because of the absence of permissions for the cache memory folder of the graphic library. You must give Modify, Read and Write permission to the user IUSR\_\* (Internet Guest Account) to the default folder:

C:\Documents and Settings\Default User  
(CAUTION: this folder is normally hidden)  
To modify this folder, it is necessary to create an environment variable named  
MPLCONFIGDIR with its path.

## Execution

For WdpStats, there is a menu:

```
Menu Start
  Program Files
    WireLess Deployer
      WdpStats
```

With two possibilities:

Homepage (WdpStats Web Console) and  
Load DB (the database integration procedure)

For "Load DB" it is possible to create a Scheduled Task every hour or every 30 minutes or even launch it manually.