# **Training Module Section I**

# Installation of Mapserver for Web Map Application

### 1. Introduction

In this section, we will start by install Minnesota mapserver and other necessary environmental, libraries and software for Web Map application. And also datasets and demo application for this workshop will be automatically install and available as show in this document. A CD-ROM containing the complete set of tools required for publishing spatial data in the Web and deploying OGC WMS compliant application is included along with this document. The CD-Rom also contains an electronic Version of this training document that would enable the users to learn by examples

The installation is composed of three part

- FoxServ setup : to prepare a necessary environmental for Web Map application.
- Libwwwdll.zip : a necessary dll files
- Demo.exe : Self-extractor file for MNU Mapserver cgi and all demo application and necessary dataset for workshop.

### 2. Objective

- 2.1 To install MapServer and related FOSS packages using a simple installation
- 2.2 To install Demo Application and MapLab.

#### 3. Procedure

FoxServ is an Apache / MySQL / PHP installer package for Windows. Unlike NuShpere or PHPTriad, FoxServ features the latest version of all included pacakges, user defined configuration during installation, PHP as a module, PEAR, and the Zend Optimizer. An easy installation for preparation a necessary environmental for Web Map application is available by FoxServ application.

- 3.1 Execute a Foxserv.exe on workshop CD (\WindMapserver\setup\ FoxServ-3.0.exe)
- 3.2 A" welcome page" of the installation is shown then click *Next button*.

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3.3 Enter C:\FoxServ\ for an installation path of FoxServ application then click *Next button*.

	Setup will install FoxServ in the following directory. To install to this directory, click Next. To install to a different directory, click Browse and You can choose not to install FoxServ, by clicking	select another directory. Cancel to exit Setup.
	Destination Directory C:\FoxServ	Browse
<i>~</i>	Space Re Space Av	quired: 103056 K ailable: 16851992 K
	< Back Next	Cancel

3.4 Click Next button for "Select Folder page"



3.5 Click Next button for "Ready To Install page"



3.6 After copy file process is finished, then "Your email page" has a default value of admin email then click *Ok button*.



3.7 Then port 80 is a default value for Apache to listen port. Click *Ok Button*.

Port	×
What port would you like Apache to listen on? (We recommend port 80)	Cancel
80	

3.8 Then waiting until "Finished page" is shown. Please make sure that all of check boxes are checked. Then click *Close button*.



Then next is the installation of Libwwwdll.zip which is pack of all necessary dll for running Web Map Application which will be extract to the directory of Windows system file. (C:\windows\system32\ or c:\winnt\system32\)

3.9 Open Libwwwdll.zip (\WindMapserver\setup\ Libwwwdll.zip) and extract all files to directory Windows system file. (C:\windows\system32\ or c:\winnt\system32\)

All demo application and complete dataset of workshop appear in this document are in demo.exe which is zip self-extractor file.

3.10 Execute demo.exe (\WindMapserver\setup\ demo.exe). An unzip older must be specified to c:\ (which is default value)

To unzip all files in test press the Unzip button	exe to the specified folder	Unzip
Unzip to folder:		Run WinZip
C.N	Browse	Close
Overwrite files with	About	
		Help

3.11 After complete an installation. An icon of apache will appear on task bar.



3.12 Right click on apache icon and select "Open Apache Monitor" and Start an apache service by click *Start button*. Then icon of apache will change from red to green color to indicate that Apache service is activated already.

PACHE
OK
Start
Stop
Restart
Services
Connect
Disconnec
- Exit

3.13 To test apache service, Open an Internet Explorer and enter URL <u>http://localhost</u> .Then the default html page of FoxServ must be appear

FoxServ Missing Document -			
ile Edit View Favorites Tools Help			
3 Back - 🕥 - 🗷 😰 🐔 🔎 Search 📌 Favorites 🜒 Media 🤣 😥 + 🍃 🔯 + 🧾 🚳			
dress 🕘 http://locahost	💌 🔁 Go	Links » 🧞 ·	
This site is powered by <u>FoxServ</u>			
This page is to introduce you to FoxServ. This page is a place holder for your website.			
If you are a websurfer please check back for updates to this site			
If you are the webmaster here are a few hinks for you -phpMyAdmin -PhPI Information -Posterr Support Site			
Visit $\underline{\operatorname{Fox}}$ for more information on the power behind this website.			

## 4. Conclusion

In this training module Minnesota MapServer and related packages, libraries and demo applications have been installed and ready for further use.