



Research Summary
(Development Environment)
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To: Keith Seong
From: Scott Seong

The following summarizes the Internet research that I have done in the last two weeks. In conclusion, there are hundreds and thousands of useful information on the net. The platform requirement may have to be revisited to utilize some of the free tools offered on the net.

- Development Environment

I have spent two days upgrading my Compaq Presario to Windows NT 4.0, but the drivers for the video, modem, and sound cards cannot be found in the net (including Compaq.com). I have found (from the usenet) that the web development can be done on the Windows 95/98 platform with Personal Web Server (PWS) and Transaction Server that comes with the Windows 98. The PWS is a scale-down version of the Windows NT IIS, which offers basic web server functionality including ISAPI (alternative to CGI) and ASP support. The PWS will probably offer enough horsepower to initiate the web development, and therefore the system has been reverted back to Windows 98.

If you have your machine setup to run Windows NT flawlessly, it may be advisable for you to continue with Windows NT. We will have to test our site from the various operating platforms.

- PWS Installation

The PWS can be installed from the Windows 98 CD. I was able to install PWS from the Windows 98, however, the following error occurred during the installation.

“An unknown error occurred while making MTS specific changes to the system registry.
Error Code = 0x80004005”

Upon closing above error message, additional error message appeared as below.

Setup of “Transaction Server Core Components” Failed. The specific error code is 0x442e670. Setup will continue but the component may not function properly.

Upon searching through the Usenet for help, I have found that several other people also experienced the same problem. Someone on the net claims that if IE5.0 was installed prior to the PWS, the above message will appear. There are two things I can do to

resolve the above problem. (1) Uninstall IE5.0, Install PWS 4.0, and re-install IE5.0. Or, (2) Re-format the HDD, and re-install everything from scratch.

- Helpful Sites and Information

www.webfeats.com/diary

Hank Mishkoff wrote a diary on how he started setting up his web server for the first time in 1995. Although, his diary doesn't provide the specific details, it provides brief overview of what is required to setup one. From his diary and from the Usenet, I found that static TCP/IP address could be purchased through the ISP. Also, **the domain name to IP address mapping can be done by emailing a request to InterNIC (a.k.a Network Solutions, Inc)**. The one who will provide us with ISDN, CableModem, or ADSL for the dedicated leased line. The pricing and features of the leased line options needs to be evaluated. Keith will research this information by 8/13, and presented in the weekly meeting on 8/14/99.

comp.infosystems.www.servers.ms-windows
comp.infosystems.www.servers.unix
comp.infosystems.www....webmaster (need full name)
comp.infosystems.www.servers...pws... (need full name)

FAQ (Frequently Asked Questions) for the above newsgroup will provide insights on where and how we begin webmastering our site. The FAQ for "comp....webmaster" is attached for your review. Also, <http://www.webmaster.org/training/infra.html> may provide handful tips on webmastering activities.

www.trainingtools.com

This site offers free online training on HTML, FrontPage98, and JAVAscript. The files can also be downloaded and viewed with Adobe Acrobat 3.0 (although they recommend Acrobat 4.0). I found this to be very useful.

www.microsoft.com

This site provides very useful information on how to build a web site. Although, the site is geared toward Microsoft products, its worthwhile spending hours and hours on this site. It provides library of web applications that are build with InterDev and other web tools that they offer. It also offers white papers on how to do various web based activities. It also has many links to other helpful sites. We may be able to find similar information on the www.netscape.com (possibly!!)

www.linuxmall.com

The above site sells Red Hat 6.0 distribution and Mandrake 6.0 for \$1.89 each. They may offer cost-effective alternative to the Windows NT/Vbscript/InterDev/etc. On the Linux platforms, mySql (freeware) will do the trick in place of SQL Server 7.0.

On the UNIX platform, setting up the disk quota for users is built-in. On the Windows NT, we will have to acquire extra software application to be able to achieve this. In case we ever decide to offer web-hosting service. ☺

✓ **Issue**

I have registered 1HourCleaners.Com and EverythingDollar.Com from the register.com. However, the two domain names are indicated to be available in the InterNIC (Network Solutions, Inc.) site. The domain names registered through the InterNIC are “indicated as registered” in the register.com whois database, but the names registered through the register.com are NOT “displayed as registered” in the InterNIC whois database.

Perhaps, when we register our domain names in InterNIC’s Domain Name Server, they will be available in the InterNIC’s whois database. This needs to be checked out.