



**WebDAV connections to InfoRouter
Requirements & Known Issues
infoRouter Version 8.x**

Active Innovations, Inc.

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Server-side Installation Requirements

Install infoRouter at the root (Default Web Site) or as a Web Site

infoRouter must be installed either at the root (default web site) or as a separate web site.

Some client-side tools require (assume) that the WebDAV Server runs from the standard port (80). Do not run infoRouter from a web site configured to use a port other than port 80.

Please make sure that the server you chose to install infoRouter complies with the infoRouter requirements document. A dedicated server is recommended.

Required Microsoft Updates for client-workstations running XP, Vista or 2003

The following updates and patches from Microsoft are needed to make WebDAV work from your Windows based workstations:

XP, Vista, 2003 - Software Update for Web Folders (KB907306)

<http://www.microsoft.com/downloads/details.aspx?FamilyId=17C36612-632E-4C04-9382-987622ED1D64&displaylang=en>

Update for Windows Vista (KB945435) for x64-based Systems

<http://www.microsoft.com/downloads/details.aspx?familyid=16A8648C-8213-453F-B0E6-5A539FD28C7A&displaylang=en>

For x86-based Systems

<http://www.microsoft.com/downloads/details.aspx?familyid=6725DA2E-AFA9-4246-A5B3-3C4F8F3290E9&displaylang=en>

Registry Entry Update required (for non SSL connections)

Microsoft Explains why they disabled the basic authentication and explains work arounds
<http://support.microsoft.com/kb/841215>

Vista x86 or x64 client machines

Open the registry editor and navigate to the following key:

HKLM\SYSTEM\CurrentControlSet\Services\WebClient\Parameters

If a DWORD Value named **BasicAuthLevel** exists, change its value to **2**.

If it is not found add a new DWORD Value named **BasicAuthLevel** and give it the value **2**.

Possible values for **BasicAuthLevel** are:

- 0 - Basic authentication disabled
- 1 - Basic authentication enabled for SSL shares only (default value)
- 2 or greater - Basic authentication enabled for SSL shares and for non-SSL shares

Reboot the machine.

XP SP2+ and 2003 server client machines

Open registry editor and go to the following key:

HKLM\SYSTEM\CurrentControlSet\Services\WebClient\Parameters

Add a new DWORD Value named **UseBasicAuth** and give it the value **1**.

Known Limitations

Mapping WEBDAV folder as a Network Drive

- XP SP2 and Windows 2003 clients – Server port must be 80
- XP SP2 and Windows 2003 clients - infoRouter must be installed on the server root (website) not as a virtual directory.
- Re-establishing the connection to the server may not be possible after restart the client workstation. The authentication credentials cannot be remembered for basic authentication. Workaround of this problem is release the mapped drive and re-map again.

Using a web folder.

The patches of the windows must be properly installed.

MS Office 2007/2003/XP

- All Office patches must be properly installed.
- “Edit” functionality from the application works on 32 bit MS Internet Explorer (v7, v8) using default security level. Depends on office patches and configuration sometimes documents may be opened as “read only”

Mapping a WebDAV drive from the command line

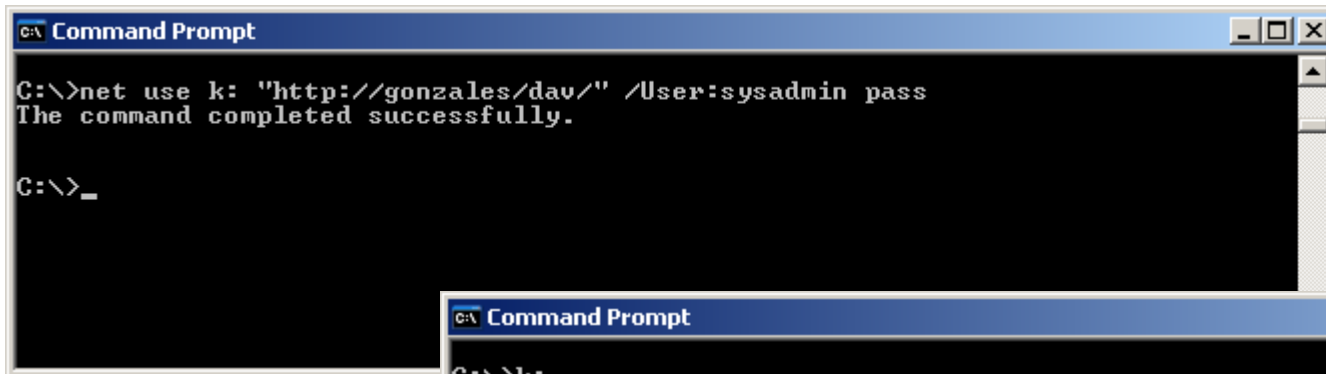
Open the Command line prompt with Administrative Privileges.

Type in the following command:

Net use K: "http://<server name or IP>/dav/" /User:sysadmin pass

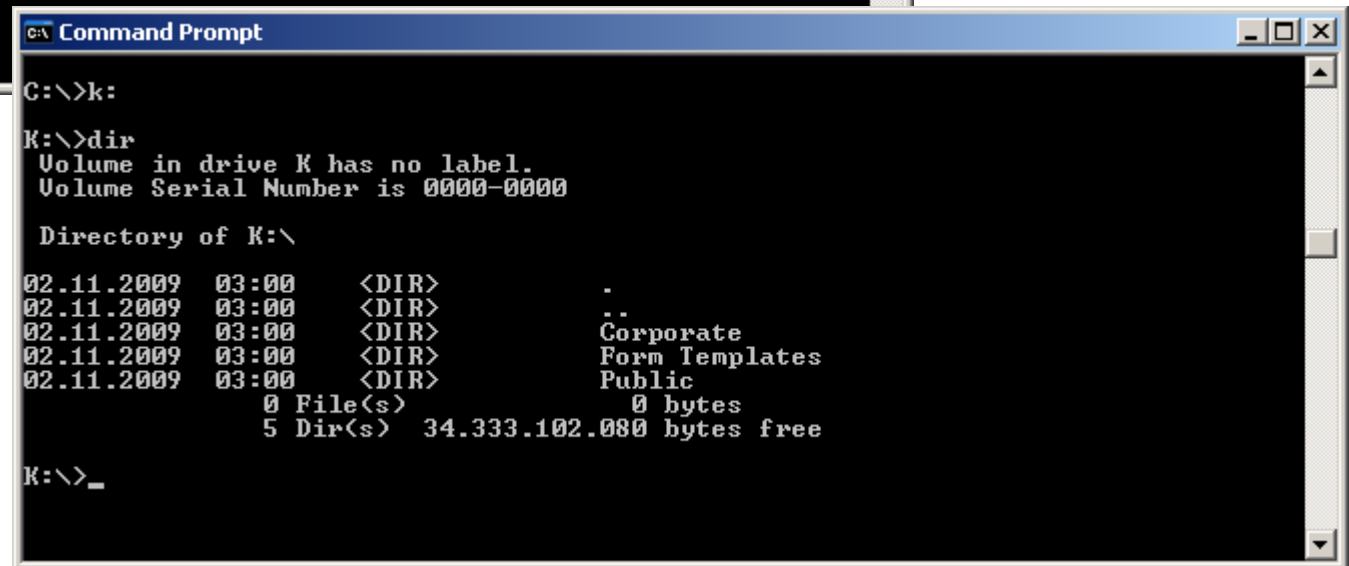
In the above line, enter your specific server name.

Supply a username and the corresponding password for the selected user.



```
C:\>net use k: "http://gonzales/dav/" /User:sysadmin pass
The command completed successfully.

C:\>_
```



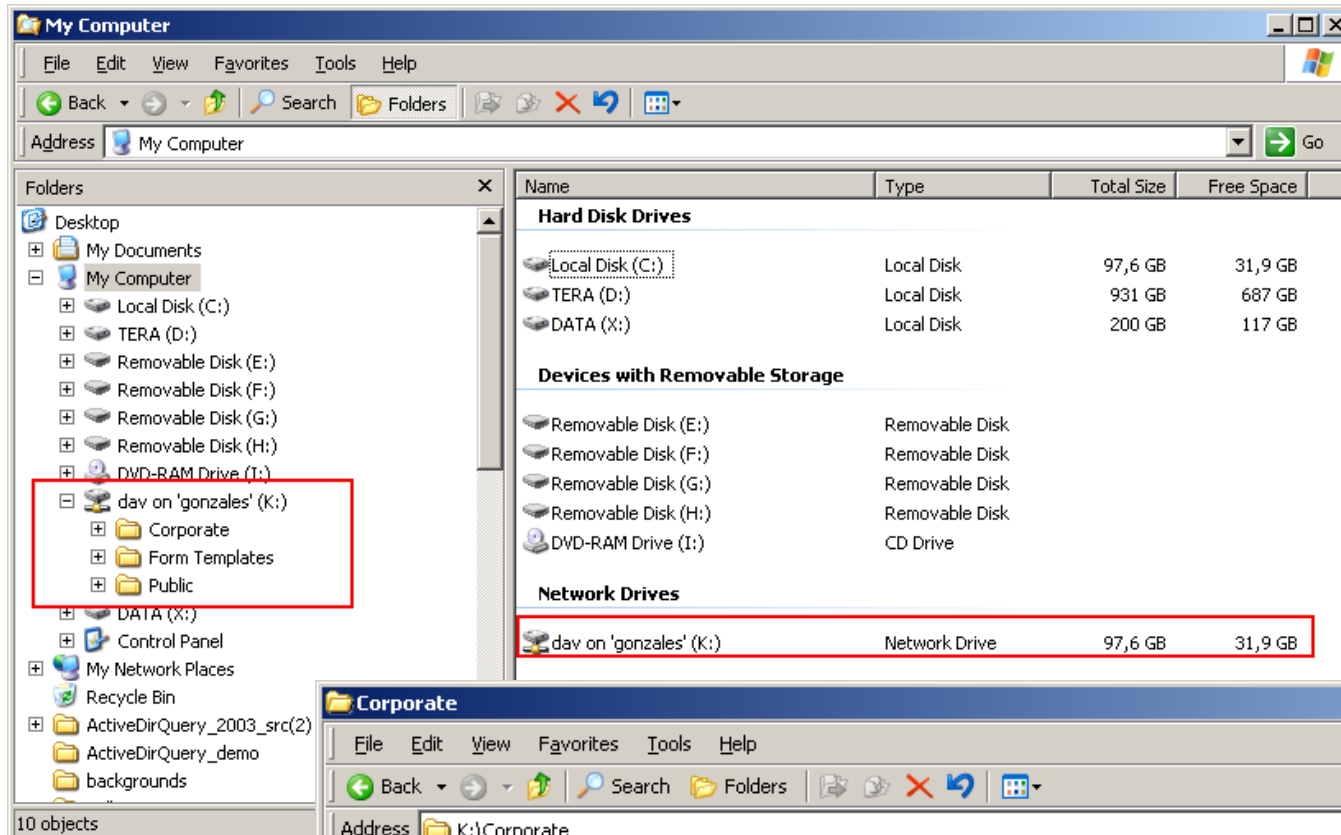
```
C:\>k:
K:\>dir
Volume in drive K has no label.
Volume Serial Number is 0000-0000

Directory of K:\

02.11.2009  03:00    <DIR>          .
02.11.2009  03:00    <DIR>          ..
02.11.2009  03:00    <DIR>          Corporate
02.11.2009  03:00    <DIR>          Form Templates
02.11.2009  03:00    <DIR>          Public
               0 File(s)              0 bytes
               5 Dir(s)  34.333.102.080 bytes free

K:\>_
```

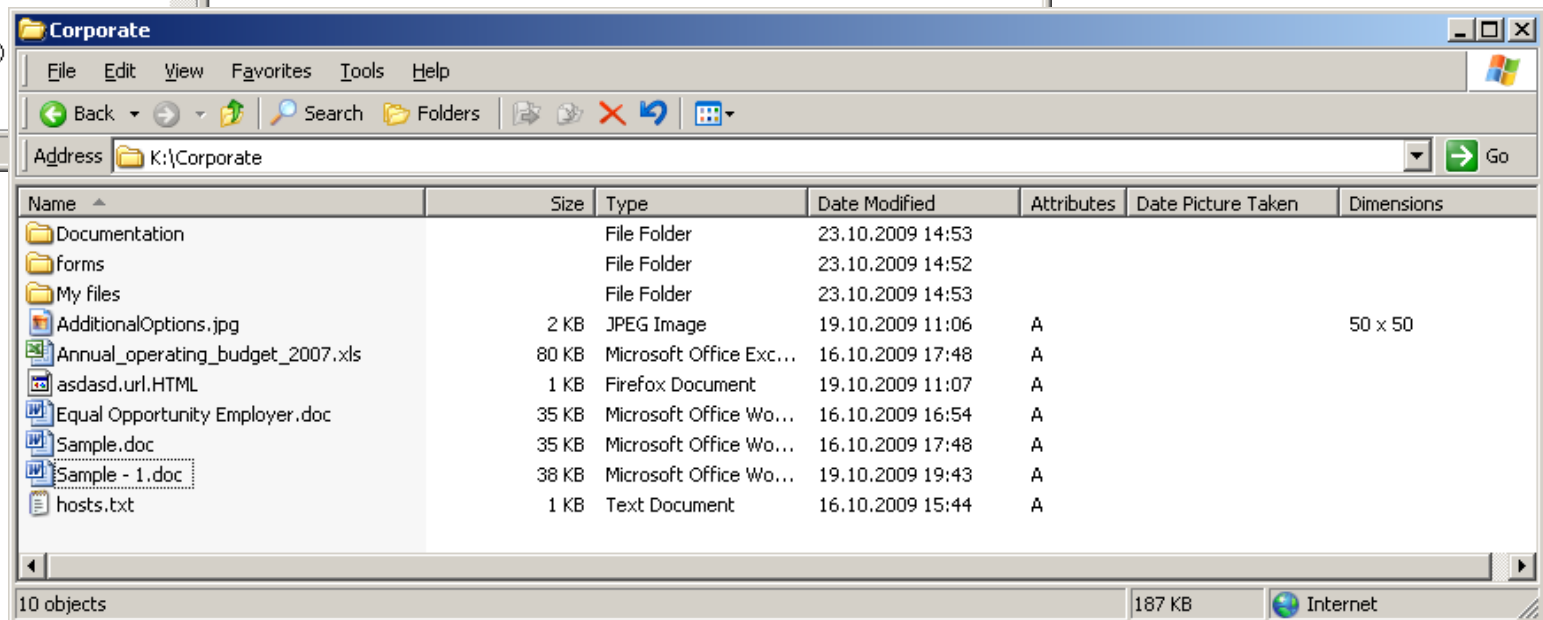
Mapping a WebDAV drive



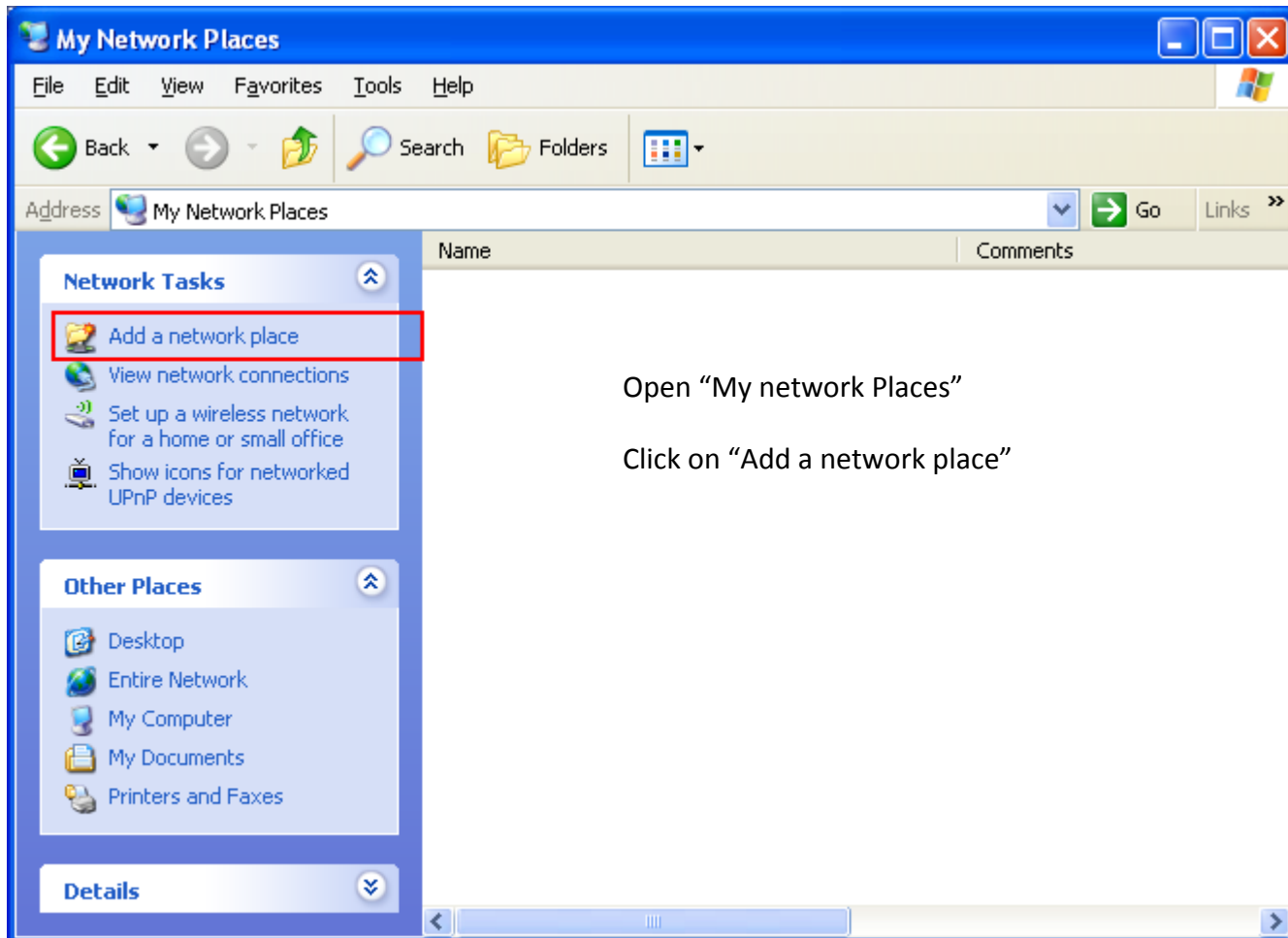
Notice that a drive named “K” will become visible in Windows Explorer.

You can open, edit and save any infoRouter file as if you are using an ordinary shared drive. Each save will create a new version for the edited document.

Using this feature you can use any desktop tool to edit existing documents or create new documents in infoRouter.



Accessing infoRouter WebDAV through web folders

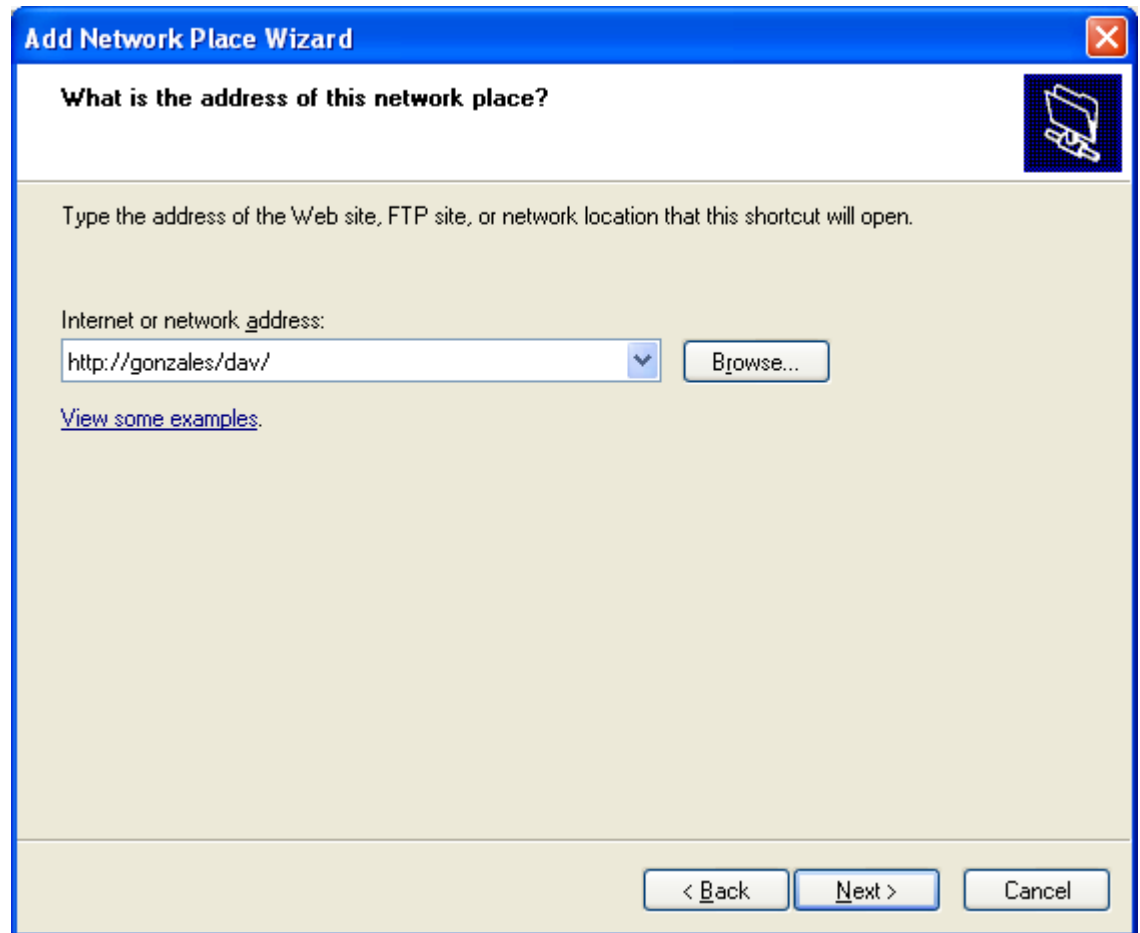
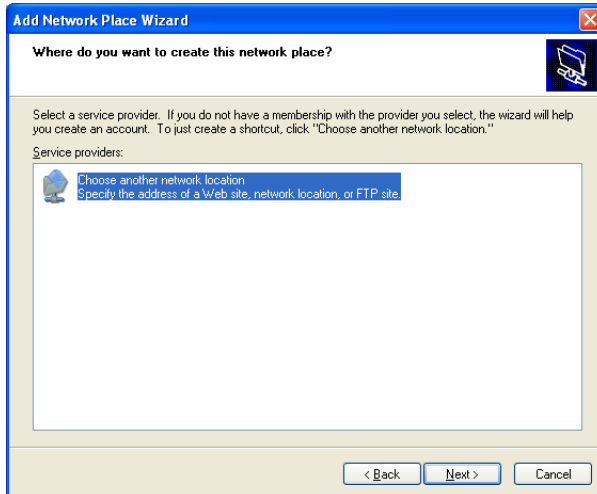
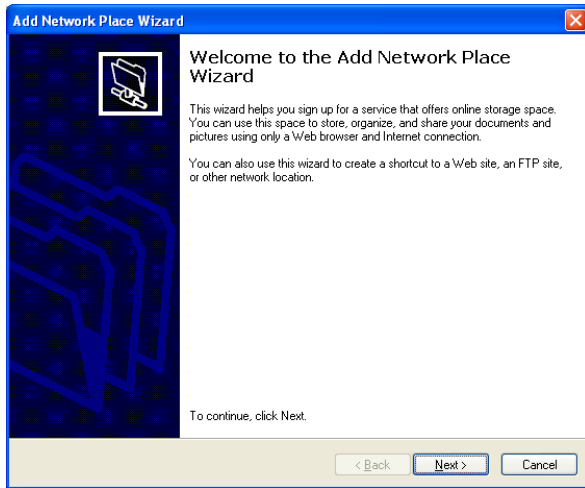


Accessing infoRouter WebDAV through web folders

Follow the instructions in the wizard.

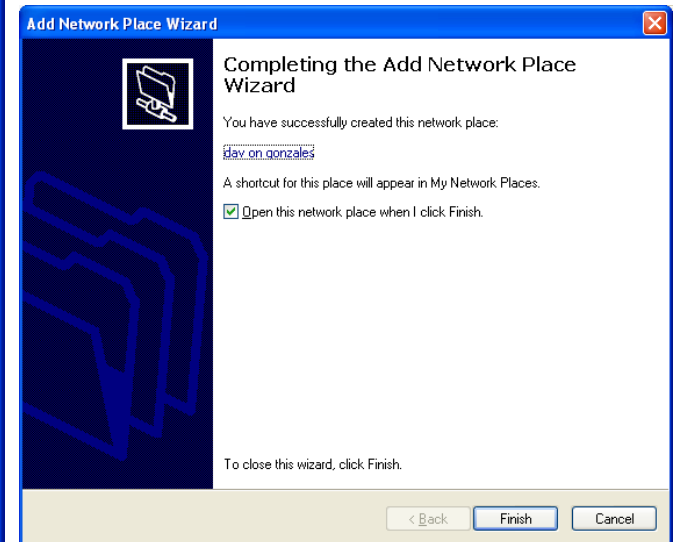
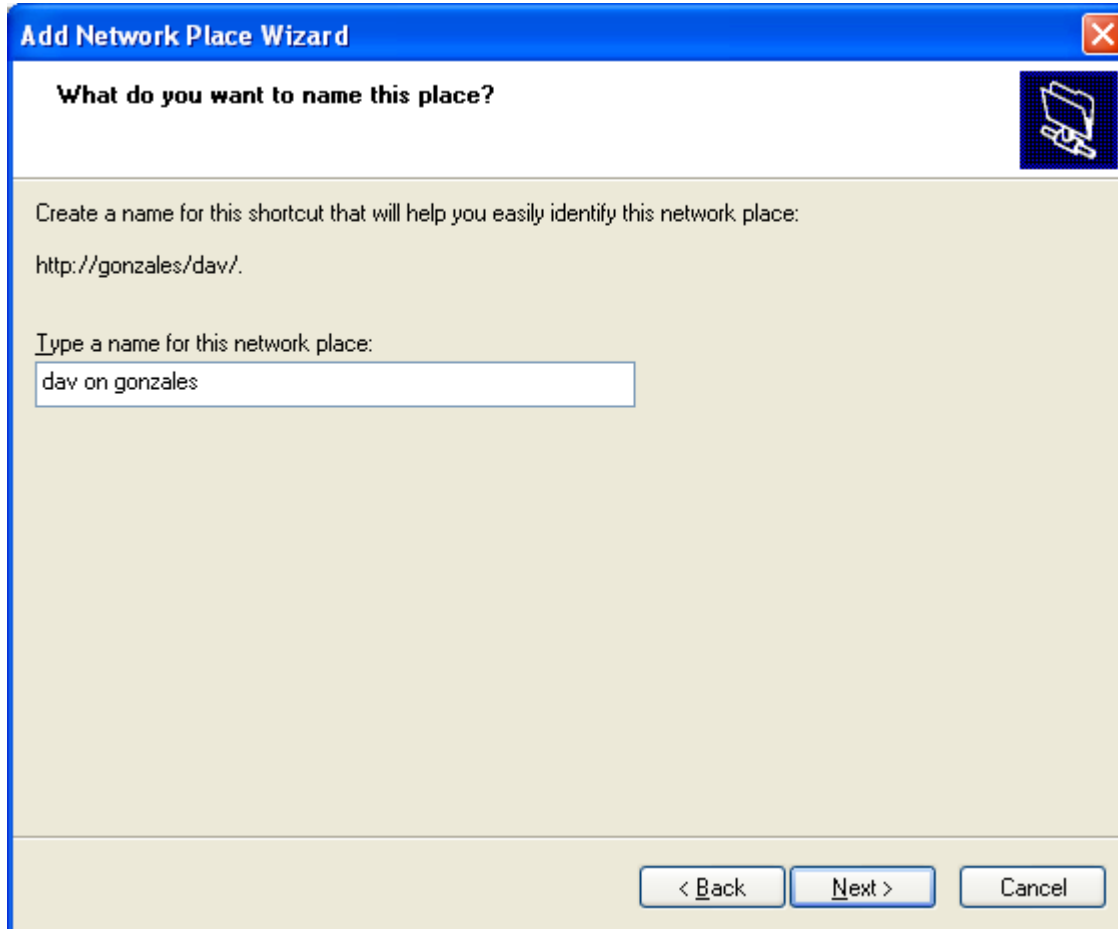
When prompted for the address, enter your server address. Don't forget to add the "dav/" at the end.

In the above example, the server name is called "Gonzales"

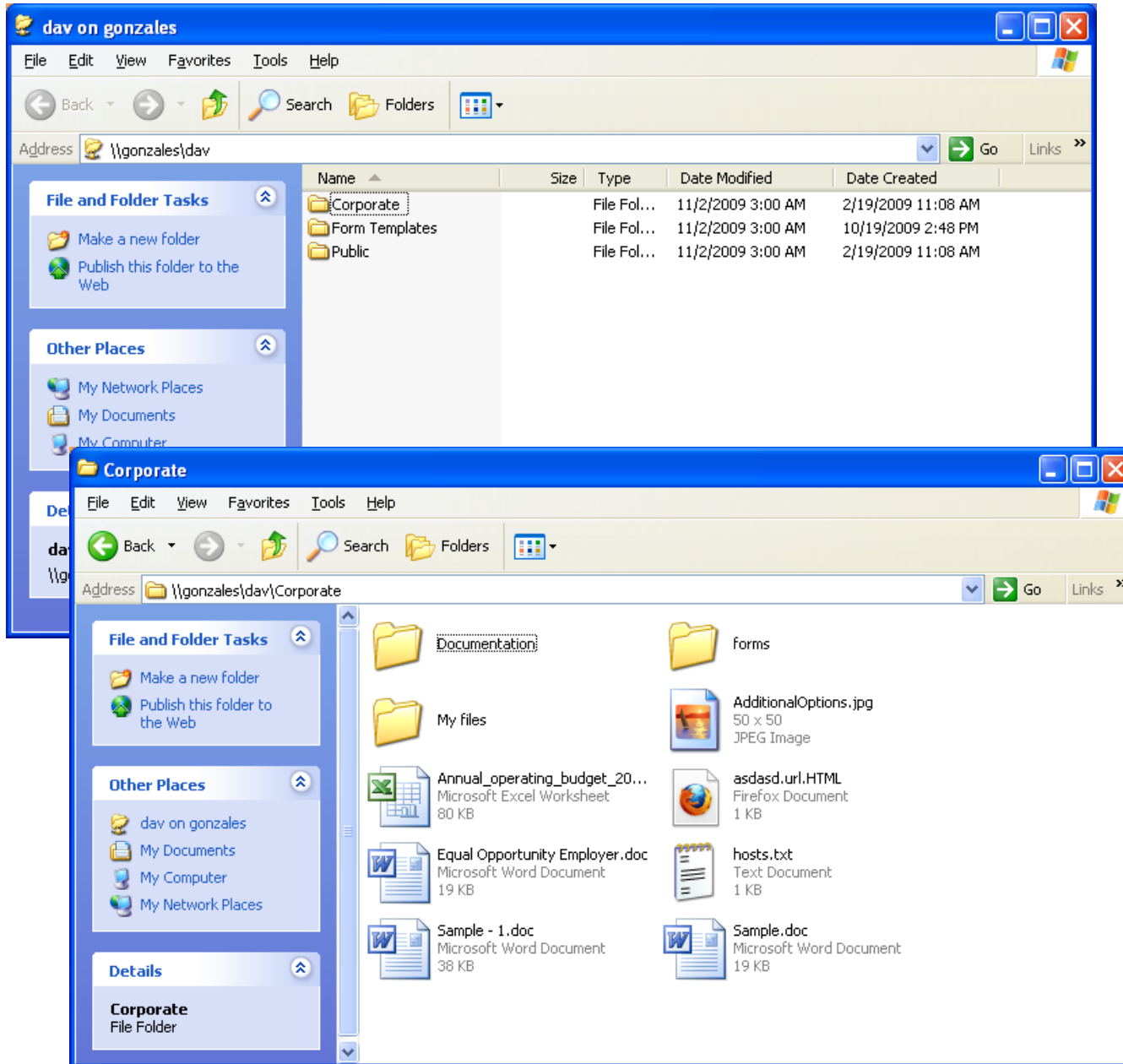


Accessing infoRouter WebDAV through web folders

Assign this network place a name you can remember.



Accessing infoRouter WebDAV through web folders



Double-click on documents associated with WebDAV-aware applications such as Word, Excel etc.

Notice that you will be able open, edit and save these documents directly in infoRouter.

You can also drag and drop documents in and out of infoRouter

Limitations of WebDAV executed from Windows workstations.

WebDAV as it has been implemented on Windows workstations is severely limited.

Examples of limitations:

When using infoRouter through the standard web interface, you will quickly be familiar with reasons why certain actions can and cannot be performed. Business Rules, Library Policies and Folder Rules are just a few reasons why you may not be able to edit a particular document. When you attempt such an action, infoRouter will provide the necessary reasons as to why the action was not allowed.

Meanwhile, a user using WebDAV to attempt the same action may receive a very generic error message that may not be helpful. This is mainly due to Microsoft's implementation of WebDAV on Windows workstations.

If you get one of these not-so-helpful error messages, try attempting the same action using the standard web interface.