# webDAV using BitKinex for Windows

## What is WebDAV?

WebDAV is a file-transfer protocol, similar to FTP in that it is used to upload/download/modify files collaboratively on the internet. It is the access method of choice for the CIT hosting environments (LAMP, Coldfusion, etc), because it allows users to use their CUWebLogin credentials to get access to their accounts, while still keeping file ownership and permissions on the server side consistent, so multiple users can safely share access to and collaborate on the same site.

## WebDAV in Windows

Because the built in webDAV client in Windows changes with each new version, we are beginning to recommend the BitKinex webDAV client for Windows users. The BitKinex client is free and available from www.bitkinex.com

## WebDAV Clients vs. Browsers

WebDAV is based on HTTP, so while WebDAV URLs can be accessed in browsers like Firefox, Internet Explorer, and Safari, those browsers don't actually support the WebDAV protocol for actual uploading/downloading of files. What will usually happen if you visit a WebDAV share in a browser is that you'll see the contents of the WebDAV share served as if they were a webpage - such as getting the code for your index or splash file, instead of the processed code.

## Installing the BitKinex webDAV client

#### 1. Download the BitKinex installer

Download from www.bitkinex.com and then launch the installer.

#### 2. The InstallShield Welcome screen



Click Next to continue.

#### 3. Read and accept the license agreement

License Agreement		
Please read the following license agre	eement carefully.	
BitKinex 3.2.3 END-USER LICENSE A	GREEMENT ("EULA")	•
IMPORTANT-READ CAREFULLY: This End agreement between you (either an indiv SOFTWARE(s) identified above, which ir	d-User License Agreement ("EULA") is a lega idual or a single entity) and Barad-Dur, LLC idudes the User's Guide, any associated SO	al 🗐 )FTWARE
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Click Next to continue.

## 4. Enter your user information

📙 BitKinex - InstallShield Wizard	×
Customer Information	
Please enter your information.	
User Name:	
Jon	
Organization:	
СП	
Install this application for:	
Anyone who uses this computer (all users)	
Only for <u>me</u> (hotshot)	
InstallShield	
< <u>B</u> ack Next >	Cancel

Click Next to continue.

5.	Select	your	installation	folder
		<b>,</b>		

BitKinex	- InstallShield Wizard	3
Destinati Click Nex	ion Folder xt to install to this folder, or click Change to install to a different folder.	
	Install BitKinex to: C:\Program Files (x86)\BitKinex\ Change	
InstallShield -	< <u>Back</u> Cancel	_

Click Next to continue.

## 6. Review the summary info

Ready to Install the Program The wizard is ready to begin installation.	
If you want to review or change any of your installation exit the wizard.	settings, dick Back. Click Cancel to
Current Settings:	
Setup Type:	
Typical	
Destination Folder:	
C:\Program Files (x86)\BitKinex\	
User Information:	
Name: Jon	

Click Install to continue.

7. You will see the standard InstallShield progress window

BitKinex	- InstallShield Wizard		3
Installing The prog	BitKinex		
1 <sup>2</sup>	Please wait while the InstallShield Wizard installs BitKinex. This ma several minutes. Status:	ay take	
InstallShield -	< <u>B</u> ack <u>N</u> ext >	Cancel	

Wait for it to complete.

### 8. reboot warning

E BitKine	x	×
<u> </u>	Please note that the Windows Explorer inte properly until reboot.	gration will not work
		ОК

Click OK to acknowledge, you can complete the next steps before rebooting.

#### 9. Finish

🛃 BitKinex - InstallShield Wiza	rd	×
	InstallShield Wizard Completed	
	The InstallShield Wizard has successfully installed BitKinex Click Finish to exit the wizard.	
	< <u>B</u> ack <b>Finish</b> Cance	1

Click Finish

One-time configuration steps.

#### 1. Start BitKinex

If it doesn't launch automatically, start BitKinex. Your first prompt will be for your network connection type.



Under most circumstances you will use Direct connection. Click Next to continue.

#### 2. Bandwidth throttle

🐮 Network setup: B	andwidth Throttle	×
	You can turn on the bandwidth throttle if you wish to reserve some capacity of your Internet connection for other applications.	
	Download (KB/s): 0 Upload (KB/s): 0	
	< <u>B</u> ack <u>N</u> ext > Cancel Help	

Under most circumstances you will leave this off unless you are at a remote office with limited bandwidth. Click Next to continue.

#### 3. Network setup complete.

📅 Network setup: Co	mpleted	X
	General network setup is complete. Please note that within the BitKinex environment both network servers and your own machine are identified as "data sources". Therefore, if you want to connect to a remote server you have to configure a new data source which will represent the server within BitKinex.	
(	Yes, I want to contigure a data source now; < Back Finish Cancel Help	

These network configuration settings are normally an one-time process, you can modify the settings later using the File | Options menu. Leave "Yes, I want to configure a data source now" option checked and click Finish.

## Setting up your webDAV connection

#### 1. Server Address

This example uses our Static Web hosting server as the server, the webDAV url for all of the CIT hosting services will follow the format of https://<servername>.kproxy.cornell.edu and can include a sub-directory.

	You can use a protocol identifier in the address specification (e.g. http://www.myserver.com) or just select the desired protocol bellow.
	https://idstatic-webdav.kproxy.comell.edu
	Protocol OFTP OFTPS OHTTP OHTTPS OSFTP
	On which port is the server listening for connections 443 (set if differs from default):

Be sure the protocol switches to https before clicking Next.

## 2. Login

Use your NetID and associated password to log in.

Tota source setup	Please specify the user name and password which sho	uld be used in the
	login sequence. The login parameters were probably en your hosting provider.       User:     NetId       Password:     ••••••••	nalled to you by
	< <u>B</u> ack <u>N</u> ext > Cancel	Help

Click Next to continue.

#### 3. Name your connection

BitKinex allows you to use a "friendly" name for your connections with an optional description. Use what makes sense to you.

	Please choose a descriptive name for this data source. You can always browse the server content in the future by double clicking on an data source icon having the name specified here.
	idstatic-webdav.kproxy.comell.edu
	Brief description of the data source (optional):
600	Optional description

#### 4. Finish

Your setup is now complete. Test your connection by leaving the check box checked and clicking Finish

📅 Data source setup: Completed 🛛 🔀	
	The general data source setup is complete. From now on you can access the server by double-clicking the data source icon in the Control window. The server content will be displayed in a Browse window which looks very similar to Windows Explorer. You can then use drag-and-drop or clipboard to transfer files between this server and your computer or another data source.
	want to browse the server content now. Please open the data source immediately after closing this wizard.
< <u>B</u> ack Finish Cancel Help	

You can now open your DAV share by launching BitKinex. You can drag and drop files to your website account via DAV and interact with it as if it were a folder on your local machine.

## Setting up another webDAV connection

#### 1. Create new http/webDAV connection

On the small Bitkinex window, right click on the http/webDAV section, and click on "new - http/webDAV"

#### 2. Enter Name

In the blank space provided [ ], enter the display name of your connection. Click off it or hit Enter

#### 3. Enter Server address

This is just the server address, no https:// or sub-directory. Eg. <server-name>.kproxy.cornell.edu

#### 4. Enter Authorization

Select SSL for security, and enter your username and password. If you enter your password here it will be saved. We recommend leaving it blank so it will prompt you to enter the password as you connect.

#### 5. Enter Site Map (default directory)

On the left panel under Server, click on Site Map. Click on the Path entry that is just "/" and add your default directory, this is typically your instance name. Make sure the location specifies, "Directory (webDAV-compliant)". Then click Update.

#### 6. Finish

Click OK, and then double click the connection you just created. Enter your password when prompted.