

Dec 31, 2022 - 1 - Gopher Helper

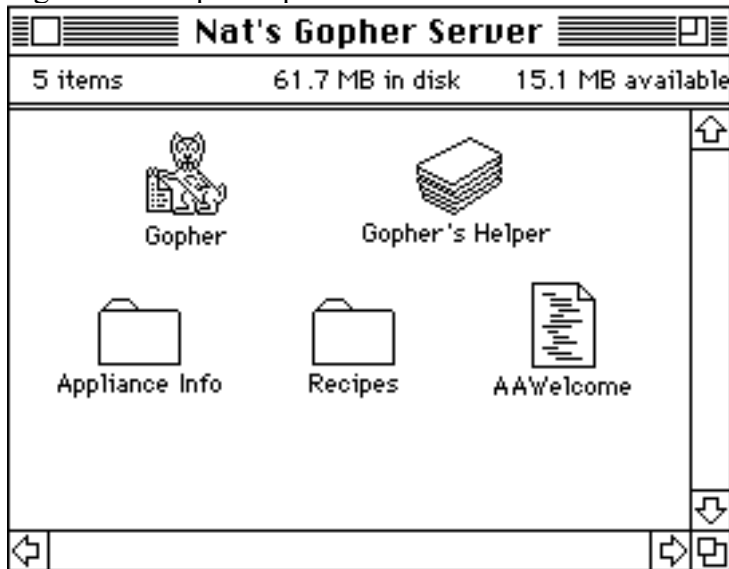
## Gopher's Helper 1.02

Gopher's Helper is a HyperCard stack which was created to make configuring the names and links on a Mac Gopher Server easier.

### • SETTING UP

Simply drop Gopher's Helper into the same folder as the Gopher Server application. In the example in figure 1, the Gopher's Helper stack is located in the same folder as the Gopher server application and this Gopher's information (Appliance Info, Recipes, AAWelcome).

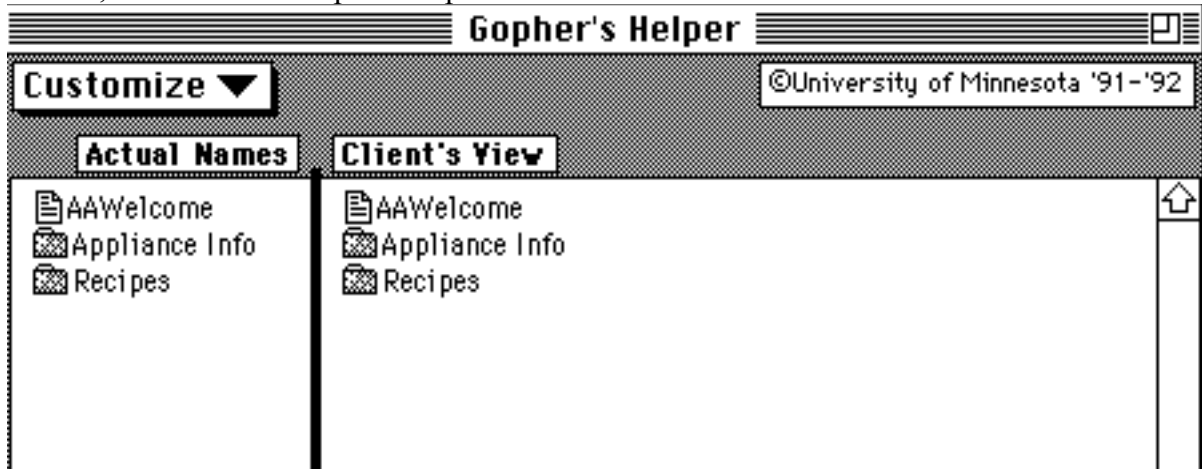
Figure 1: Sample Gopher Server Folder



### • USING GOPHER'S HELPER

To start the Gopher's Helper, simply double-click on the icon. In Gopher's Helper, there are two resizable panes. The left resizable pane titled "Actual Names" lists the names of files and folders as they appear on your disk; the right pane, titled "Client's View", shows how your server will appear to the Gopher clients who access your server. Files listed in the Client's View pane are sorted according to the alphabetical values of the actual names in the left pane. In our example, we wanted a Welcome message to be the first item on our Gopher Server, so we had to give it a name that would be first alphabetically (AAWelcome).

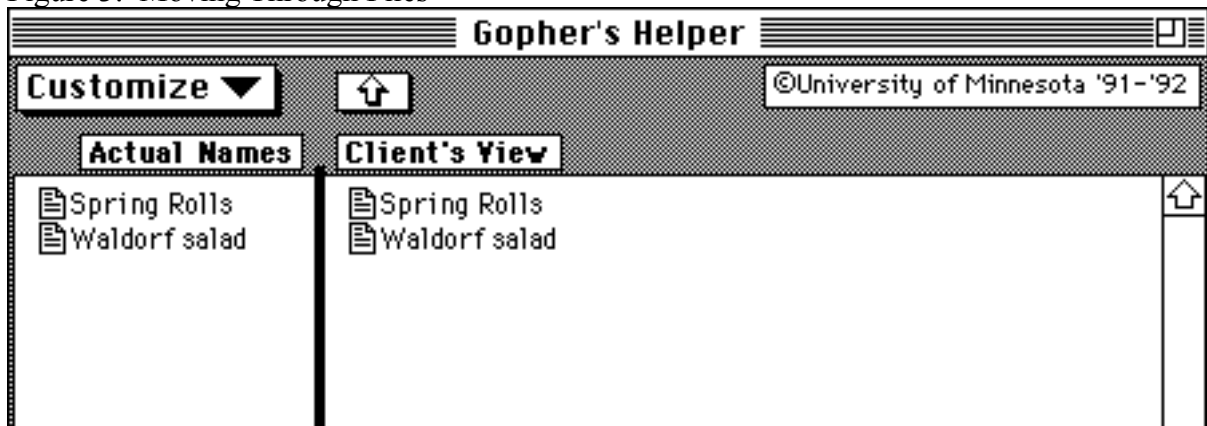
Figure 2: Gopher's Helper



• **MOVING AROUND THROUGH YOUR FILES**

Double-clicking on an item in the left pane will open the item if it makes sense to do so. For example, you could double-click on a folder name in the left pane to view the contents of that folder on your server. In our example, we double-clicked on the Recipes folder in the left pane to view the contents of that folder. Now, we could make changes to these contents.

Figure 3: Moving Through Files



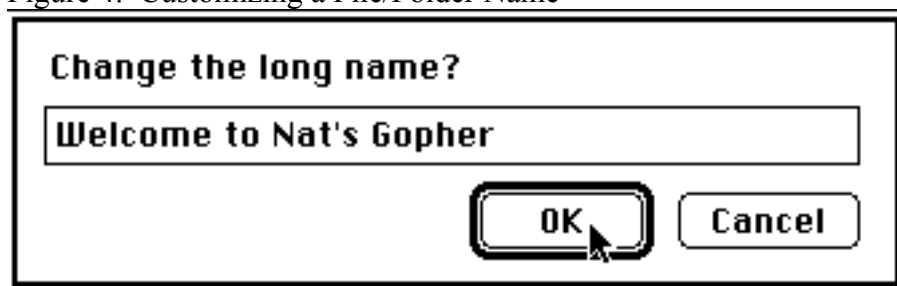
Once you've moved inside a folder, you can use the up arrow to move back out of the folder. The up arrow, located next to the Customize menu, allows you to move up out of a folder you are currently in. If no up arrow appears on your screen, then you are at the top level of your Gopher server.

• **CUSTOMIZING NAMES**

There will be times when you'll need to change the names of the contents of your Gopher server. For example, all items on your server appear in alphabetical order. This may force you to give items odd names just so items will appear in a specific order on your server. In our example, we gave the Welcome document the name "AAWelcome" so that it will appear at the top of our list. When users access our Gopher, they would see "AAWelcome" at the top. "AAWelcome" is an odd name, and we can use Gopher's Helper to change the name that our Gopher clients would see.

First, select the name you wish to change from the Client's View pane of Gopher's Helper. Then, choose Change Long Name... from the Customize menu. Enter in the name you want users of your Gopher to see. We changed the name of "AAWelcome" to "Welcome to Nat's Gopher".

Figure 4: Customizing a File/Folder Name



Notice in the figure below that the actual name of our file still appears in the left pane, while the new "long" name appears in the right pane. Also notice that the right pane is still in order based on the contents of the left pane.

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Figure 5: New Gopher File names



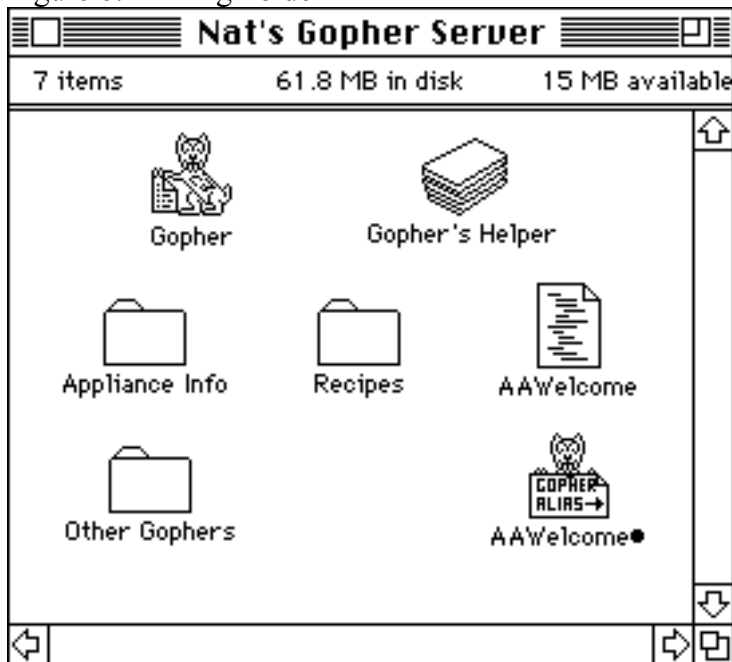
If you need to change the customized name of a file or folder, simply double-click on the customized name in the right pane. This will bring up the Change the Long Name? dialog box and allow you to change the customized name.

- **CREATING LINKS**

The Customize menu contains two commands which allow you to set up links to other servers. These commands are Link To... and Clear Link...

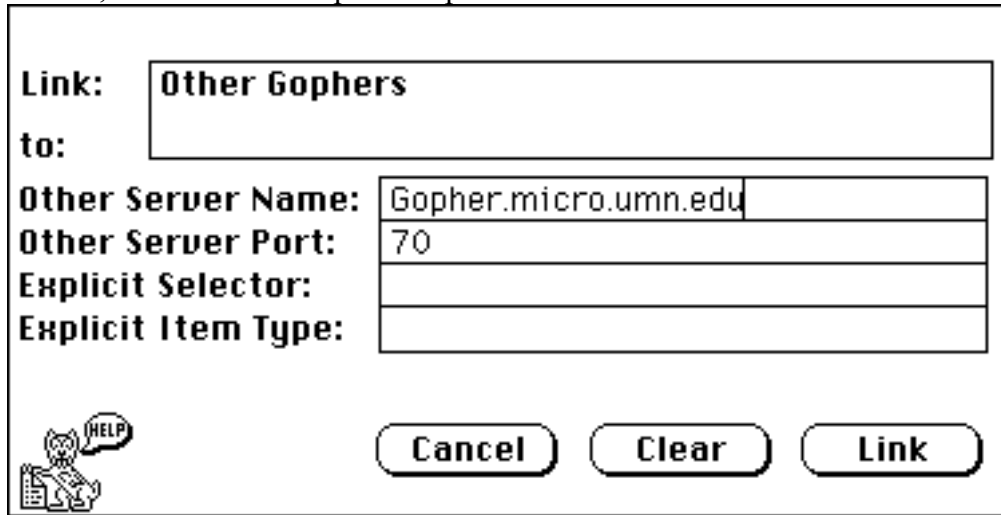
First, create a folder in your Gopher server folder. This folder will be your link to other servers. In figure 6, we names this folder "Other Gophers".

Figure 6: Linkng Folder




Second, start up Gopher's Helper. Select the name of the new folder in the right pane of Gopher's Helper. Choose Link To... from the Customize menu. To add or change a link to another server, you must fill in the blanks in the Change Link dialog box.

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Figure 7: Change Links Dialog Box



**Link:** Other Gophers  
**to:**

**Other Server Name:** Gopher.micro.umn.edu  
**Other Server Port:** 70  
**Explicit Selector:**  
**Explicit Item Type:**

 **Cancel** **Clear** **Link**

**Other Server Name:** This is the Internet name (or IP address) of the server you want to link to. You must use the full domain name of the server, for example: “gopher.micro.umn.edu”. This must be filled out before a link can be made.

**Other Server Port:** This is the Port number that the other server is running on. You should fill in the appropriate TCP/IP port number. If you leave it blank, port 70 (the default Gopher port) is assumed.

**Explicit Selector:** This is the string that indicates where your link points to. If you leave this blank, you will point to the main level of the other server. If you want to point to a specific area of another server, you will need to enter the Selector string. If the Explicit Selector is not filled out, a blank selector (the default) is assumed.

**Explicit Item Type:** This the item type of the Selector you are directing your link to. If the Explicit Item Type is left blank, the type defaults to the File (type 0) if the original item was a file or Folder (type 1) if the original item was a folder. If you just wish to change the type of a file without making a link to another server (for example, you wish to specify that a file is a Macintosh BinHex file), choose Change Item Type from the Customize pop-up menu.

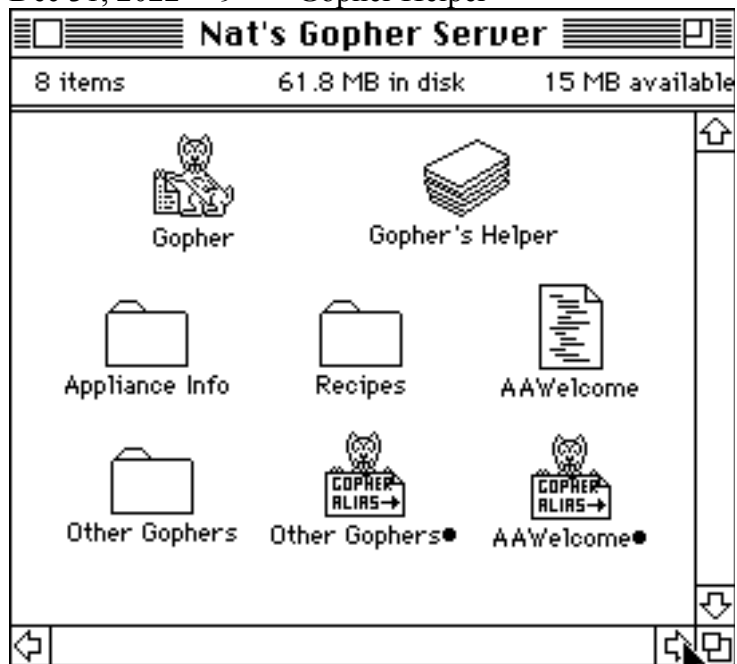
#### • HOW GOPHER SERVER USES CUSTOMIZED NAMES AND LINKS

The Gopher Server application looks for custom names and link information for any given file (or folder), called say “Foo” for example, in a special file called “Foo•”. In our example, the Gopher Server application looks in “AAWelcome•” for information about the file “AAWelcome” and finds a customized name of “Welcome to Nat’s Gopher Server”. Our Gopher also looks in “Other Gophers•” and finds linking information for the “Other Gophers” folder which we set up to link to Gopher.micro.umn.edu.

When you set up customized names and links, Gopher’s Helper creates Gopher Alias icons. See Figure 8. You’ll notice that Gopher’s Helper created an alias icon for “AAWelcome”. This alias contains the new long name “Welcome to Nat’s Gopher”, but doesn’t give it’s icon that name.

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Figure 8: Gopher Alias





• **REMOVING CUSTOMIZED NAMES AND LINKS**

If you remove the special Alias files (using the Finder), the customized names and link information will also get removed.