

How to publish a web page on the CIS web server

To access an individual user's web page on the CIS web server, the format is in the form `http://www.cis.rit.edu/~abcpci`. The `~` in `~abcpci` is a short-cut to the `public_html` directory in `abcpci`'s home directory. In this example, that would be `/cis/staff/abcpci/public_html`.

To publish your web page, put all the files and directories that make up your web page in your `public_html` directory. If you have never done this before, you may need to create that directory.

Once the directory is created, the files can be created in the directory with an editor such as `vi` or `emacs`, or they can be uploaded with a package such as `Dreamweaver`.

If only a directory is selected in the URL, for example, `http://www.cis.rit.edu/~abcpci`, it will load the default web page. Those default names are: `index.php` `index.shtml` `index.html` and `index.htm`. The server will look for those files in that order. The standard default for the main web page is `index.html`. If your page contains PHP code, the standard is `index.php`.

After the files are placed under `public_html`, the file and directory permissions need to be set. At the very least, directories need to be world-executable and files need to be world-readable. Your home directory will also need to be world-executable.

Assuming a web page with only the `index.html` file, here is a sample setup. It is assumed the user is in his/her home directory:

```
chmod 711 .
```

```
chmod 711 public_html
```

```
chmod 744 public_html/index.html
```

With those permissions, the `index.html` file for user `abcpci` will be displayed as `http://www.cis.rit.edu/~abcpci` or `http://www.cis.rit.edu/~abcpci/index.html`.