

Simple Web Server



Description

Simple Web Server allows you to serve static files using HTTP from any folder with Enfocus Switch Server. Just select a folder you want to share, enter a port number and you're good to go!

Compatibility

Enfocus Switch 2022 Spring and higher on Windows/macOS

Dependencies

NodeJS needs to be installed on your system in order to use Simple Web Server.

For installers, see: <https://nodejs.org>

For macOS users we advise using Homebrew: <https://brew.sh>

(<https://formulae.brew.sh/formula/node>)



Use case(s)

Simple Web Server gives you the ability to host files for your MIS, CRM/ERP, digital printer or other applications that can download files from an HTTP server. Also sharing files between different platforms (Windows/Linux/Mac) is now made easy.

There is no more need for unc paths like \\server\path or fysical paths like K:\ or P:

HTTPS

HTTPS is not supported at this time, please be careful sharing ports outside of your network.

File/URL Encoding/Slug

If a shared file contains any special character or spaces, be sure to encode or slugify the file so all spaces and special characters are removed.

Example:

“this is a special character file &.pdf” will become

“this%20is%20a%20special%20character%20file%20%26.pdf”. The preferred name: this-is-a-special-character-file.pdf.

You can use Filename Cleaner from the Enfocus AppStore to accomplish this.

(<https://www.enfocus.com/en/appstore/product/filename-cleaner>)

Connections

This application works independently, there are no connections.

Flow elements properties

- NodeJS location
 - Location of node.exe (node on macOS)

On macOS open your terminal and type: ‘which node’. It will return a full path like: /opt/homebrew/bin/node (or another location if you used the NodeJS installer)

On Windows, NodeJS will be installed in: C:\Program Files\nodejs\node.exe

Please make sure the node/node.exe exists in the location you provide!

- HTTP folder
 - The folder you wish to share

- HTTP Port number
 - The port number on which the server serves static files. Must be between 3000 and 3050.

Important: You can only use a port number once! If you already have a Simple Web Server running, you will receive an error message saying that this port is already in use.

Web Server Example:

Enfocus Switch Server IP ADDRESS is: 192.168.1.1
Selected port: 3000

Let's say you have a folder with PDF files you are sharing. In this folder there is a file called printfile1.pdf.

Now browse to: <http://192.168.1.1:3000/printfile1.pdf>

Note:

If you want to make files accessible from outside your business network, configure NAT / Port forwarding in your router. Make sure you are redirecting ports 3000 through 3050 to the Switch Server.

Because HTTPS is not supported, we do not recommend sharing Simple Web Server outside your local network.