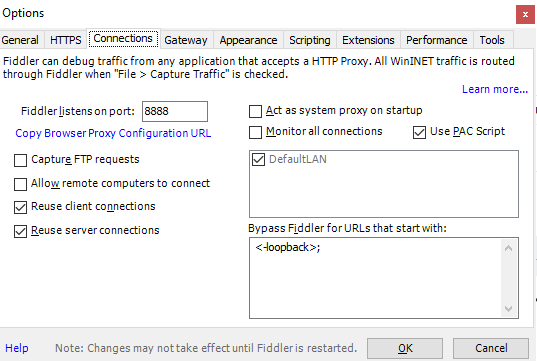
# How to setup developer environment for SpFx and SharePoint 2016

# Working Setup (apart from issue below)

## To set up Fiddler as the Proxy

To setup you want to configure options under Options->Connections like this



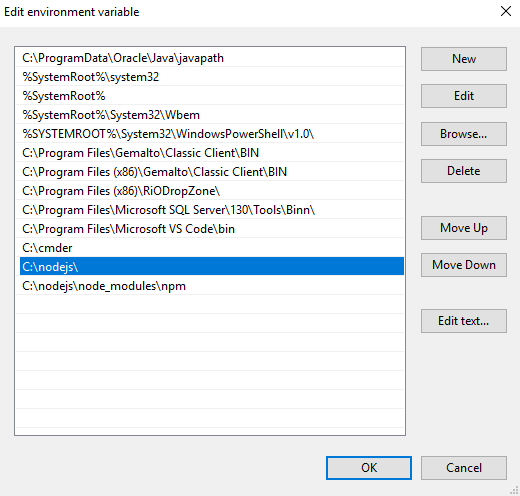
Then restart otherwise it grabs everything

Then point npm at fiddler manually without user/pass

Npm config set proxy <http://localhost:8888>

Npm config set https-proxy <http://localhost:8888>

## Working Envionment Variables (will change when using nvm)



### .npmrc file in C:\Users\rvn39417

### Settings for Fiddler Proxy

registry=http://registry.npmjs.org/

prefix=C:\nodejs\node\_modules\npm

cache=C:\nodejs\node\_modules\npm-cache

proxy=http://localhost:8888/

https-proxy=http://localhost:8888/

strict-ssl=false

http-proxy=http://localhost:8888

### Settings for AWP Proxy

registry=http://registry.npmjs.org/

prefix=C:\nodejs\node\_modules\npm

cache=C:\nodejs\node\_modules\npm-cache

proxy=http://rvn39417:PASSWORD@wspp.awp.nhs.uk:8080/

http-proxy=http://rvn39417: PASSWORD@wspp.awp.nhs.uk:8080/

https-proxy=http://rvn39417: PASSWORD@wspp.awp.nhs.uk:8080

strict-ssl=false

# Default Setup Doesn’t Work

The setup specified here

<https://docs.microsoft.com/en-us/sharepoint/dev/spfx/set-up-your-development-environment>

doesn’t work (at least with SP2106)

To avoid issues referenced here: <https://github.com/SharePoint/sp-dev-docs/issues/1002>

## Specifically

### [georgey58](https://github.com/georgey58)commented [24 days ago](https://github.com/SharePoint/sp-dev-docs/issues/1002#issuecomment-527067608)

|  |
| --- |
| I am still getting **Can’t connect securely to this page** running the HelloWorld example Node version: v10.16.3 I've had tried NODE\_NO\_HTTP2 = 1 and setting https=false in serve.json |

Will try installing earlier version of node as recommended here:

### [fabianmadurai](https://github.com/fabianmadurai)commented [on Sep 12, 2018](https://github.com/SharePoint/sp-dev-docs/issues/1002#issuecomment-420784773)

|  |
| --- |
| Dont use the latest version of Node. I ran into numerous problems using the latest version. completely uninstall node and clear the npm cache. also uninstall Yeoman and gulp. Now, install an earlier version of node ( 6.11.5 worked for me). verify with node -v that you indeed have the version you want. thereafter install yeoman and gulp and follow the hello world example and everything will work this time. even gulp serve will work. |

# Use NVM to manage node versions

See: <https://github.com/coreybutler/nvm-windows>

#### Uninstall existing node

Please note, you need to uninstall any existing versions of node.js before installing NVM for Windows. Also delete any existing nodejs installation directories (e.g., "C:\Program Files\nodejs") that might remain. NVM's generated symlink will not overwrite an existing (even empty) installation directory.

#### Uninstall existing npm

You should also delete the existing npm install location (e.g. "C:\Users<user>\AppData\Roaming\npm") so that the nvm install location will be correctly used instead.

#### Install nvm-windows

nvm-windows comes with an installer (and uninstaller), because getting it should be easy.

## Install node versions

Run cmder window and set the proxy. If using Fiddler then

nvm proxy http://localhost:8888/

nvm install 6.17.1

C:\cmder

λ nvm proxy http://localhost:8888/

C:\cmder

λ nvm install 6.17.1

Downloading node.js version 6.17.1 (64-bit)...

Complete

Creating c:\nvm\temp

Downloading npm version 3.10.10... Complete

Installing npm v3.10.10...

Installation complete. If you want to use this version, type

nvm use 6.17.1

C:\cmder

#### Reinstall any global utilities

After install, reinstalling global utilities (e.g. gulp) will have to be done for each installed version of node:

nvm use 4.4.0

npm install gulp-cli -g

nvm use 0.10.33

npm install gulp-cli -g