Firefox/Chrome Proxy

To use a proxy for specific sites only, the easiest option is to create a pac file and configure Firefox/Chrome to use it as automatic proxy configuration.

Example pac file:

```
function FindProxyForURL(url, host) {
    if (dnsDomainIs(host, "example.com")) {
        return "HTTP 192.168.0.1:8888";
    }
}
```

Possible option to identify network to only use proxy if in home network or private ip range:

```
function FindProxyForURL(url, host) {
    var myIP = myIpAddress();

    // Detect by IP range (example: 192.168.1.x) or DNS suffix (example:
home.lan)
    if (
        isInNet(myIP, "192.168.1.0", "255.255.255.0") ||
        dnsDomainIs(host, ".home.lan")
    ) {
        return "PROXY proxy.example.com:8080";
    }

    // Otherwise, no proxy
    return "DIRECT";
}
```

Store this somewhere and go to about:preferences → general → Network settings (very bottom) → settings, select "Automatic proxy configuration URL" and enter the path to the pac file in the file protocol notation, e.g.:

```
file:///home/user/.config/custom_proxies.pac
```

After making changes to the file, go back to the Firefox proxy configuration URL settings and click reload.

The following firefox addon adds a button to the toolbar to reload the proxy file:
https://addons.mozilla.org/en-GB/firefox/addon/reload-pac-button/

Further info about PAC files: Mozilla Dev

Chrome/Chromium: These browsers use the system proxy settings and do not have a GUI option to set custom proxies. Proxies and bypass urls need to be set via command line:

```
--proxy-server="foopy:8080" --proxy-bypass-
```

```
list="*.google.com;*foo.com;127.0.0.1:8080"
--proxy-pac-url="http://wpad/windows.pac"
```

From:

http://wuff.dyndns.org/ - **Wulf's Various Things**

Permanent link:

http://wuff.dyndns.org/doku.php?id=howto:firefox-proxy

Last update: **2025/11/06 10:44**