SSH connection as socks proxy

sometimes it is very useful to have http access into a remote network but you can only reach one single linux machine inside this network. there is a simple way to tunnel http requests from firefox through your ssh connection:

connect with the -D option to set up the proxy service

```
ssh -D 1080 user@some.server.somewhere
```

this will now run a local socks proxy on localhost:1080

in order to get firefox to use this tunnel, you need to configure a socks proxy in firefox. since you might want to switch this proxy on and off several times it is a good idea to use an add-on to do this, so it can be done with a single button:

1. install the **MM3 ProxySwitcher** Addon
2. restart firefox
3. right click on the toolbar and choose **customize...**
4. add the mm3 button to your toolbar
5. click on the little down pointing arrow next to your mm3 button and choose **Edit**
6. replace the settings with these:

```
[Socks Proxy
  socks=127.0.0.1:1080
  noProxy=127.0.0.1:8080
  config:network.proxy.socks_remote_dns=true
]
```

7. now switch the proxy ond and off by clicking on the mm3 button. it's on when it's red and off when grayed out.

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