I have returned from YAXWE with very good impressions about mash networking. I did some reading and in theory I already knew how this works, but to see actual implementation of idea in form of Freifunk Firmware was both useful and impressive `:-)`

On the other hand, installing OLSR on Debian boxes is so easy that there is no excuse in becoming local mash node:

1. Install packages

```
$ apt-get install olsrd olsrd-plugins
```

.pre .pre

1. Put your card in adhoc mode

This part might be specific to your card, but for my atheros card it's something like:

```
$ wlanconfig ath1 create wlandev wifi0 wlanmode adhoc
$ iwconfig ath1 essid olsr.example.com
```

You should also probably run `dhclient` or `ifconfig` to setup your IP adress depending of configuration of your local mash network

1. Change network interface in configuration

```
$ vi /etc/olsrd/olsrd.conf
```

Something like: Interface "ath1"

1. Start it automatically

```
$ vi /etc/default/olsrd
```

Change line to START_OLSRD="YES"

1. Start daemon

```
$ /etc/init.d/olsrd start
```

And **that's it!**. You are now part of mash network.