Be part of the technics team

For the following services, initiatives and projects, we still need volunteers (more or less urgently). Generally, it's enough for us if you are down for something and want to get involved somehow. With a little commitment and support from us, you can easily get started. If anything sounds interesting to you, just contact us at the given e-mail address.

There is also a public calendar for meetings and various activities.

WiFi expansion

There is a separate group for the WLAN expansion in the individual buildings. No prior knowledge is required and we are happy to welcome anyone who is interested. The project language is English.

- Mattermost Chat Group: https://mattermost.fem-net.de/fem/channels/wifi-expansion (You can register with your Uni E-Mail Address)

Constructing WLAN checkers

For our Freescale WLAN, there are already WLAN checkers based on Fonera hardware. These devices are connected to the FeM-Net via LAN and regularly check whether they can connect via WLAN at their location and if they can establish an internet connection with it.

A similar solution should be set up for the Aruba WLAN. The used hardware could be a Raspberry Pi, for example. The implementation of the checks should be done via Icinga2, so that the devices can be easily integrated to the existing monitoring infrastructure. Later, it should be possible to quickly deploy the devices (e.g. via a ready-made image which can be copied to an SD card and plugged into a Rasperry Pi).

As developer of the WLAN checkers, you have full rein to develop your own ideas and can freely design the system. We provide you with the necessary hardware, and support you if you have any questions or problems.

- contact: technik@fem.tu-ilmenau.de

An English version of this Wiki page is still in progress. Translations are incomplete. On the German info page you can find more interesting topic ideas for participation.

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