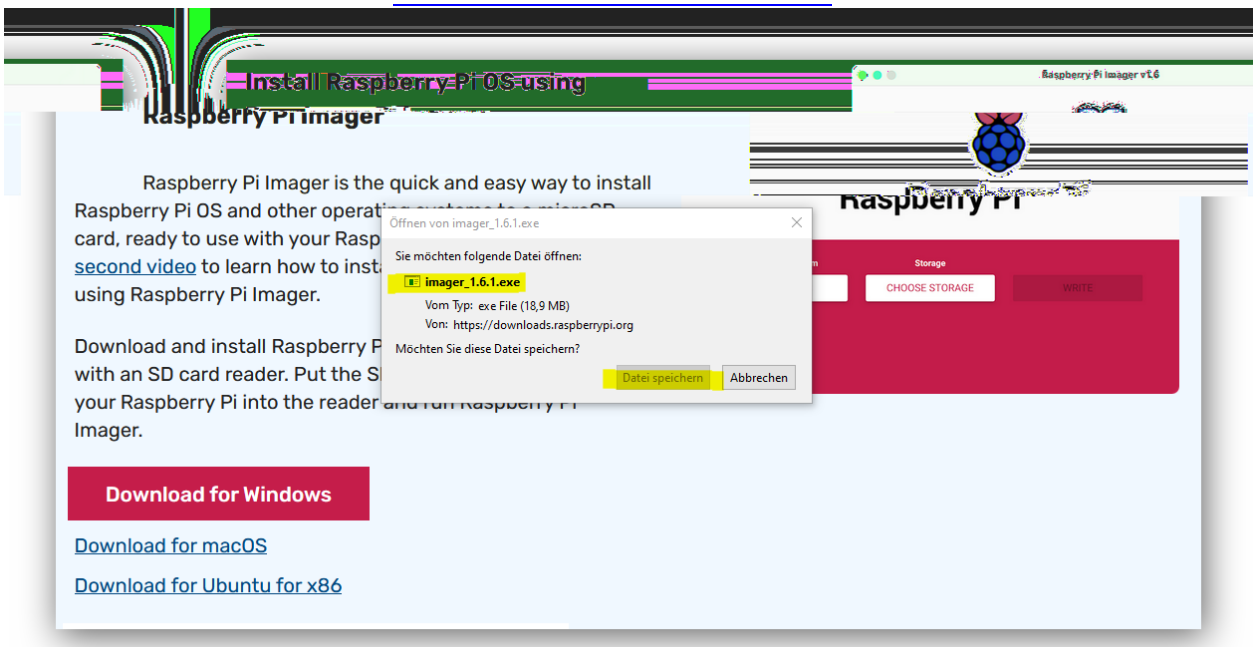
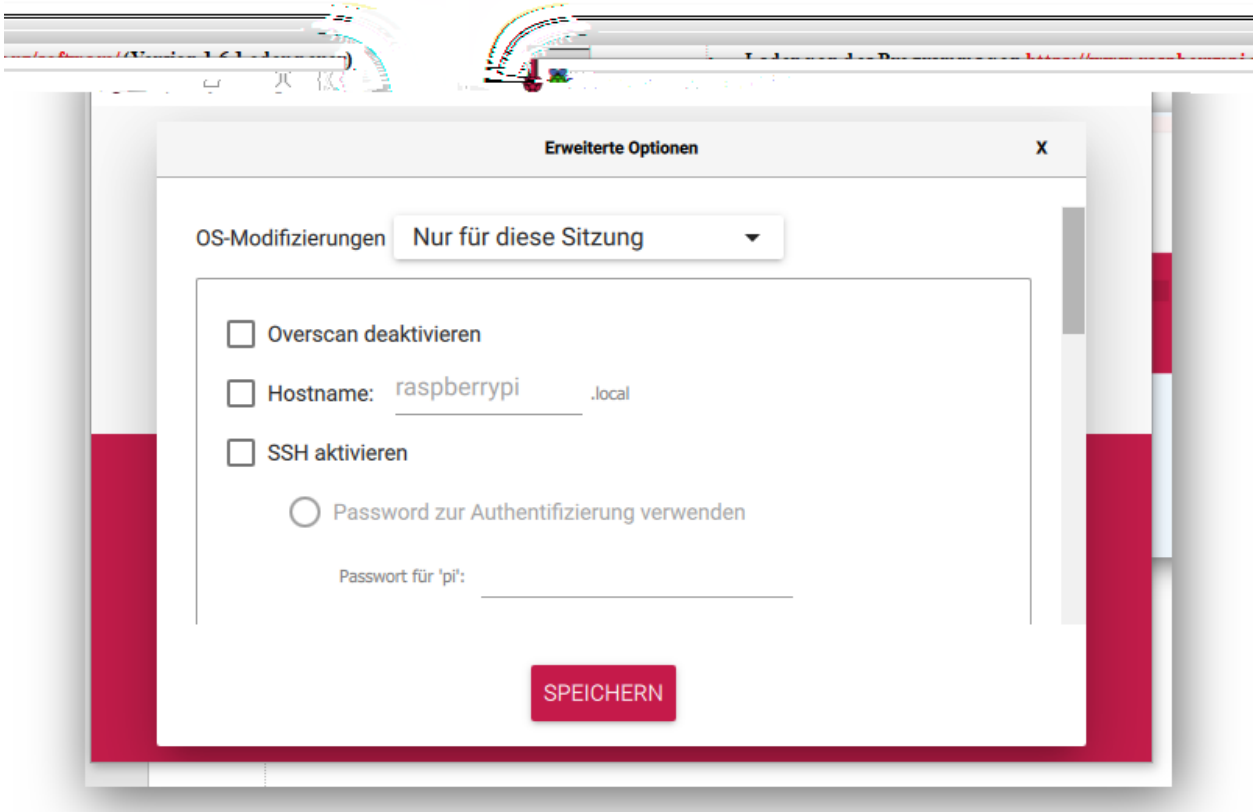
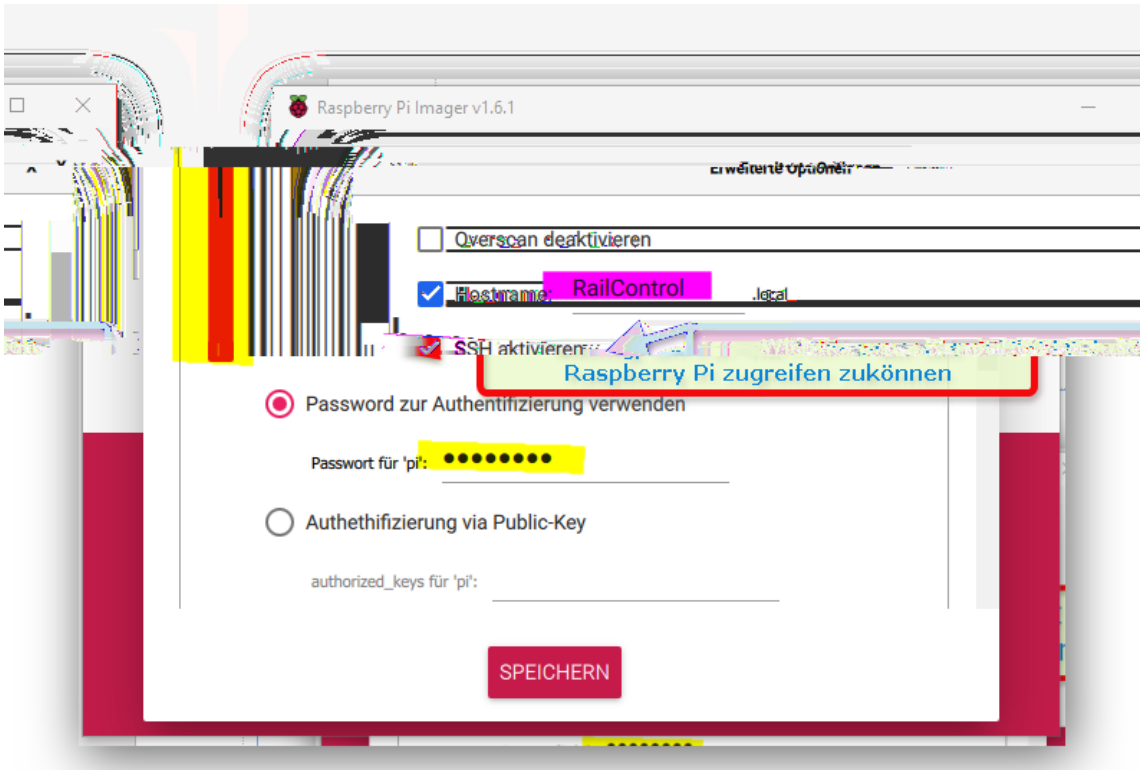
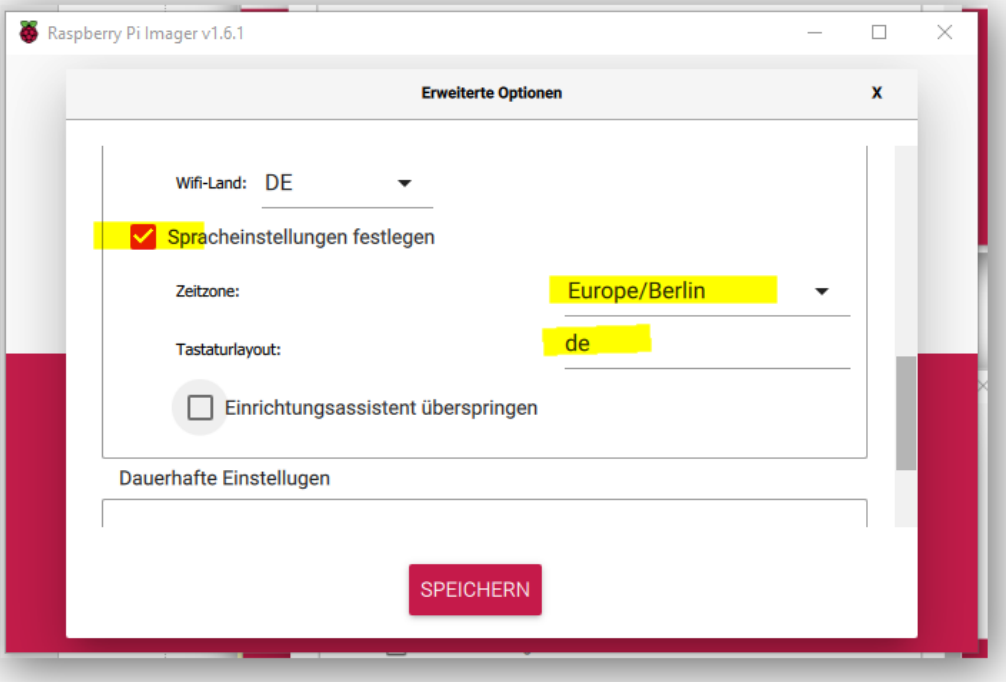
- Raspberry Pi installieren ohne eigenem Bildschirm, Tastatur und Maus.
- Bedienung nach der Installation über Putty.
- Datensicherung z.B. mit WinSCP



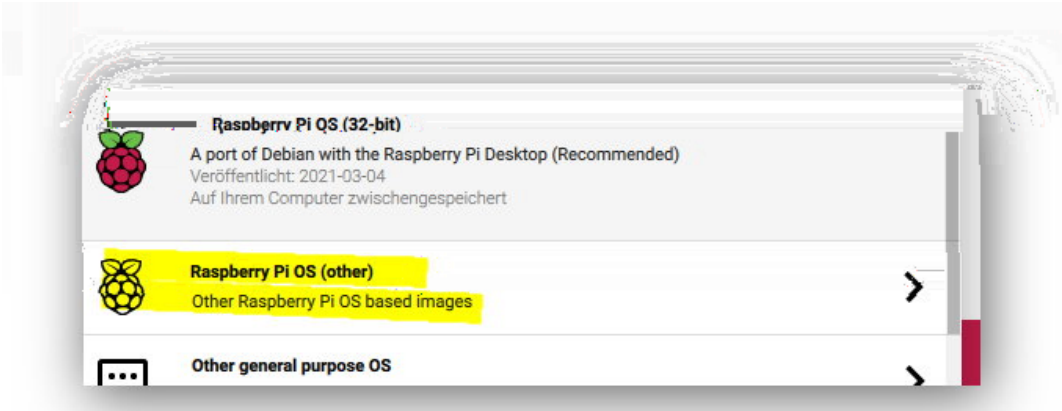


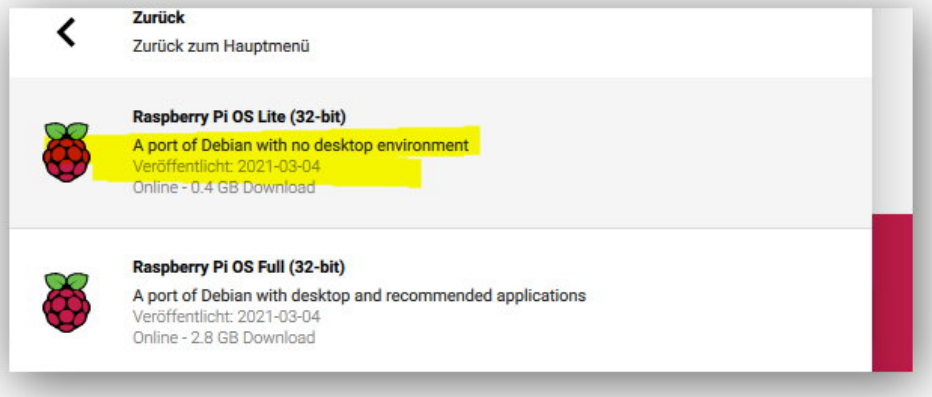
- 
Raspberry Pi Imager v1.6.1
Overscan deaktivieren
RailControl
.local
Raspberry Pi zugreifen zukönnen
Password zur Authentifizierung verwenden
Passwort für 'pi':
Authethifizierung via Public-Key
authorized_keys für 'pi':
SPEICHERN

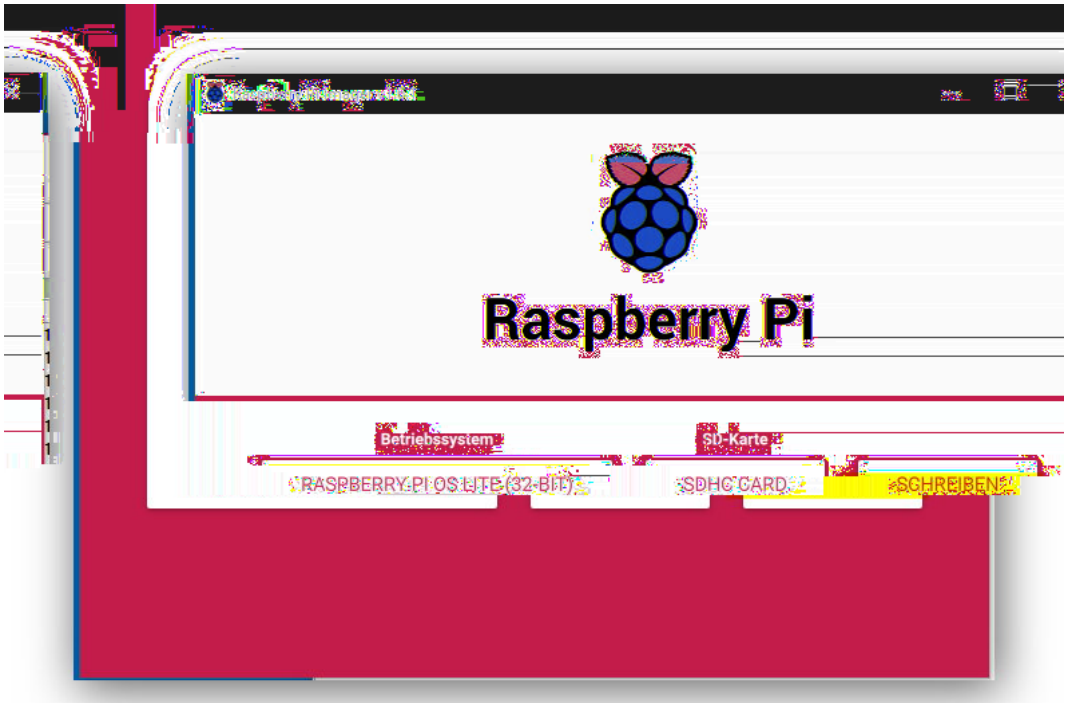
-
Raspberry Pi Imager v1.6.1
Erweiterte Optionen
X
Wifi enrichten
SSID:
FRITZ!WLAN Repeater 300E
Passwort:
Passwort anzeigen
Wifi-Land:
DE
Spracheinstellungen festlegen
SPEICHERN


Raspberry Pi Imager v1.6.1
Erweiterte Optionen
X
Wifi-Land: DE
Spracheinstellungen festlegen
Zeitzone: Europe/Berlin
Tastaturlayout: de
Einrichtungsassistent überspringen
Dauerhafte Einstellugen
SPEICHERN

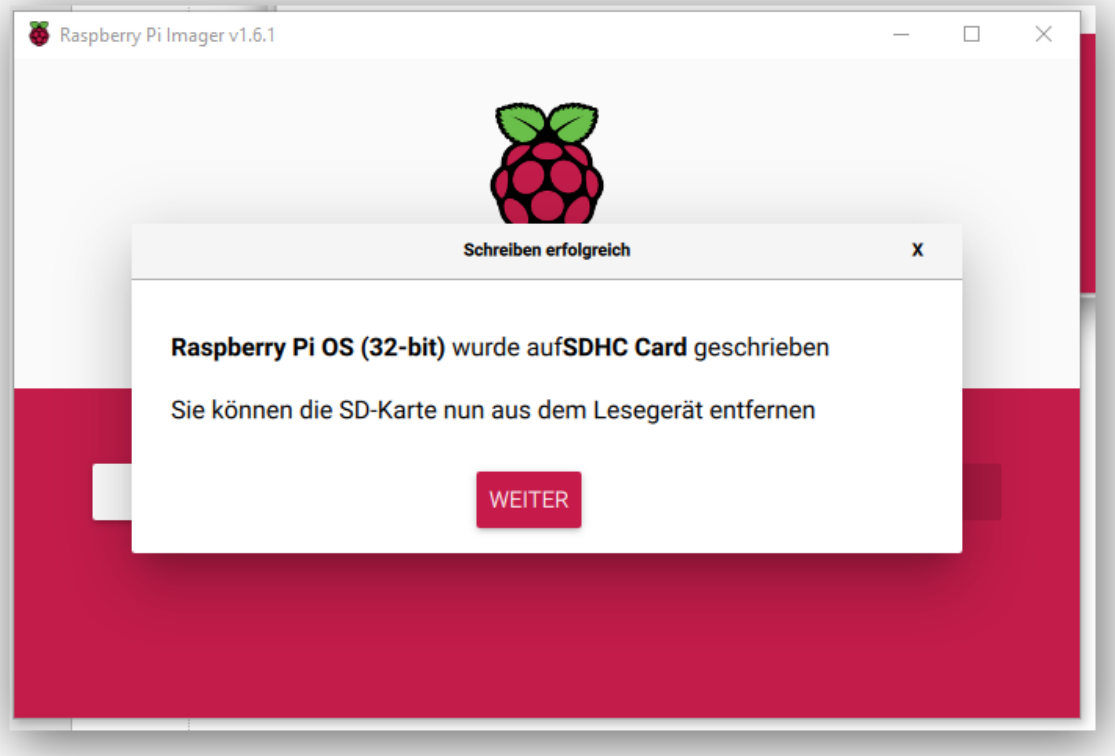
-
-
-


Raspberry Pi OS (32-bit)
A port of Debian with the Raspberry Pi Desktop (Recommended)
Veröffentlicht: 2021-03-04
Auf Ihrem Computer zwischengespeichert
Raspberry Pi OS (other)
Other Raspberry Pi OS based images
Other general purpose OS


Zurück
Zurück zum Hauptmenü
Raspberry Pi OS Lite (32-bit)
A port of Debian with no desktop environment
Veröffentlicht: 2021-03-04
Online - 0.4 GB Download
Raspberry Pi OS Full (32-bit)
A port of Debian with desktop and recommended applications
Veröffentlicht: 2021-03-04
Online - 2.8 GB Download


Raspberry Pi
Betriebssystem
SD-Karte
RASPBERRY PI OS LITE (32-BIT)
SDHC CARD
SCHREIBEN

Raspberry Pi Imager v1.6.1
Raspberry Pi
Betriebssystem
SD-Karte
RASPBERRY PI OS (32-BIT)
SDHC CARD
SCHREIBEN
Schreiben... 7%
SCHREIBEN ABBRECHEN


Raspberry Pi Imager v1.6.1
Schreiben erfolgreich
X
Raspberry Pi OS (32-bit) wurde auf SDHC Card geschrieben
Sie können die SD-Karte nun aus dem Lesegerät entfernen
WEITER

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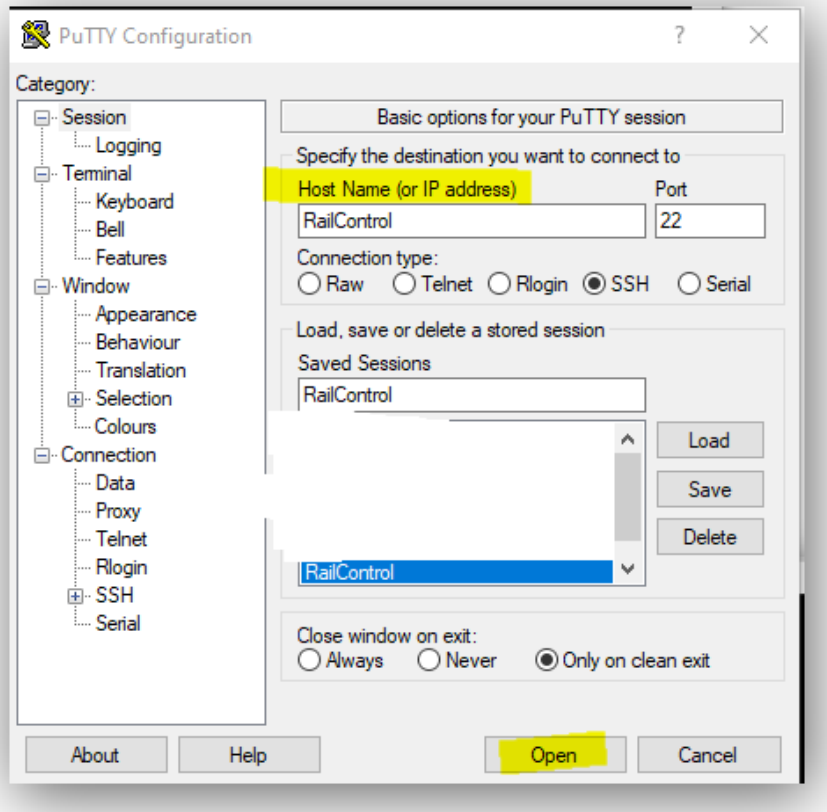
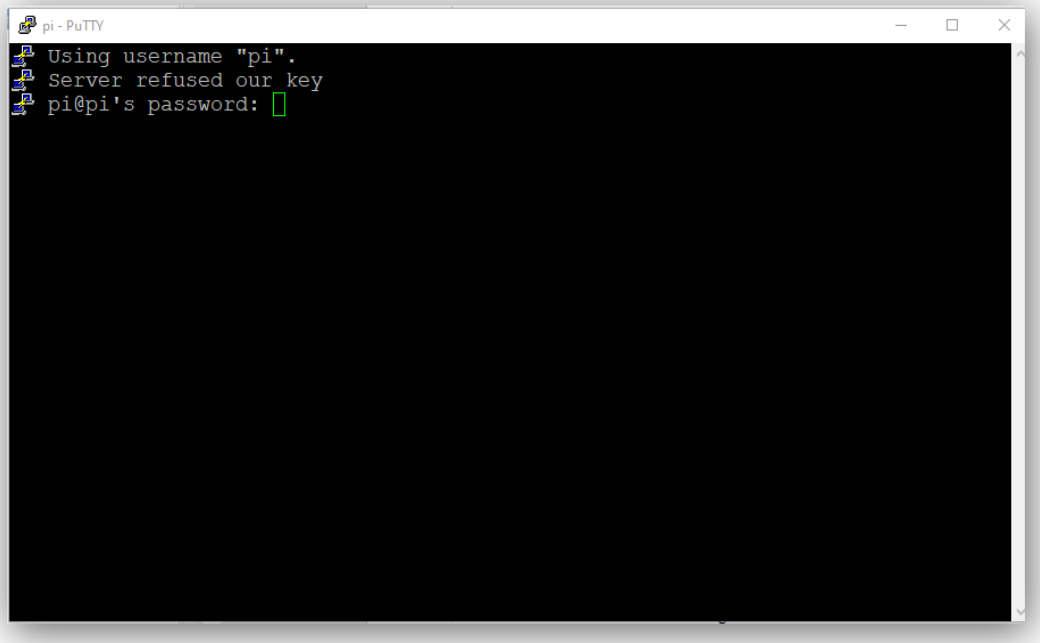

PuTTY Configuration
Category:
Session
Logging
Terminal
Keyboard
Bell
Features
Window
Appearance
Behaviour
Translation
Selection
Colours
Connection
Data
Proxy
Telnet
Rlogin
SSH
Serial
Basic options for your PuTTY session
Specify the destination you want to connect to
Host Name (or IP address)
Port
RailControl
22
Connection type:
Raw
Telnet
Rlogin
SSH
Serial
Load, save or delete a stored session
Saved Sessions
RailControl
Load
Save
Delete
RailControl
Close window on exit:
Always
Never
Only on clean exit
About
Help
Open
Cancel

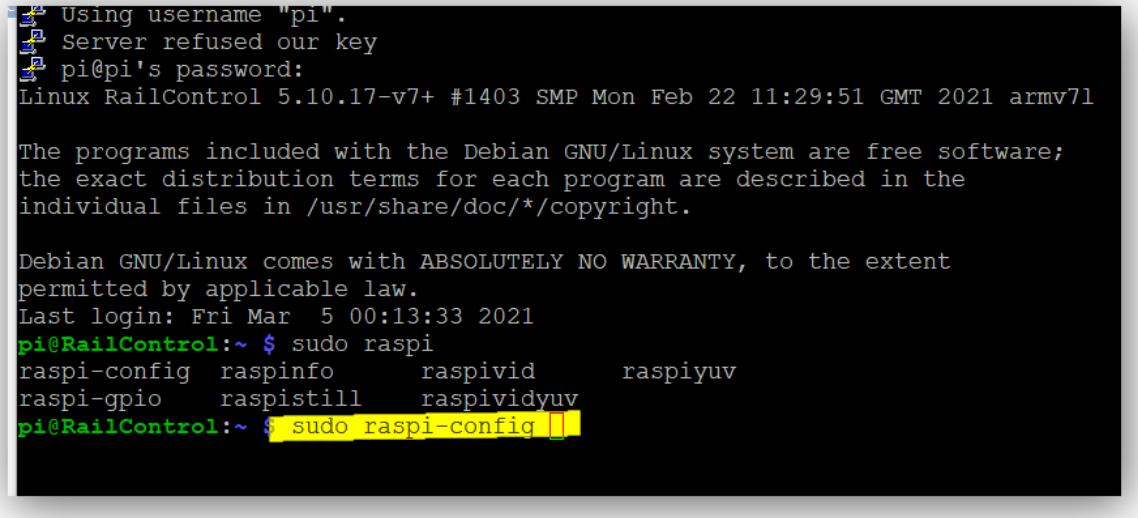
-
-

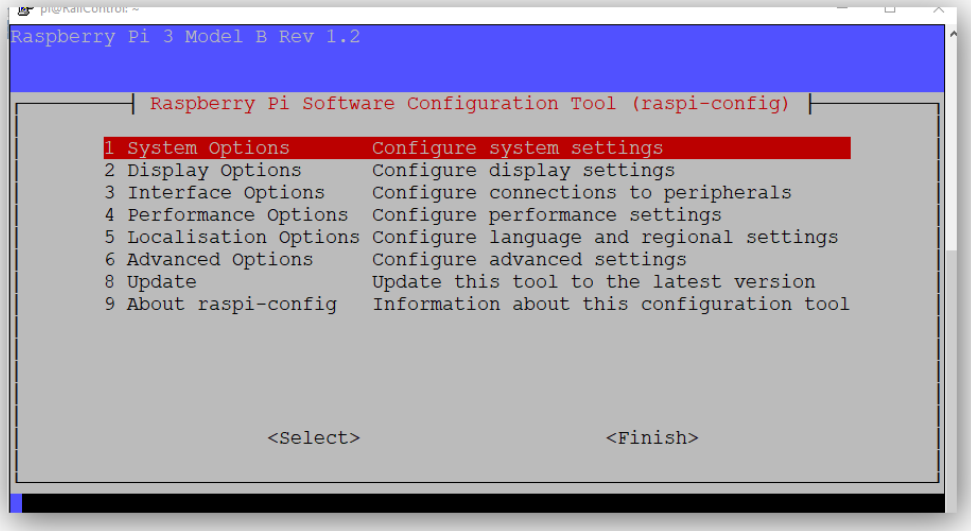

pi - PuTTY
Using username "pi".
Server refused our key
pi@pi's password:

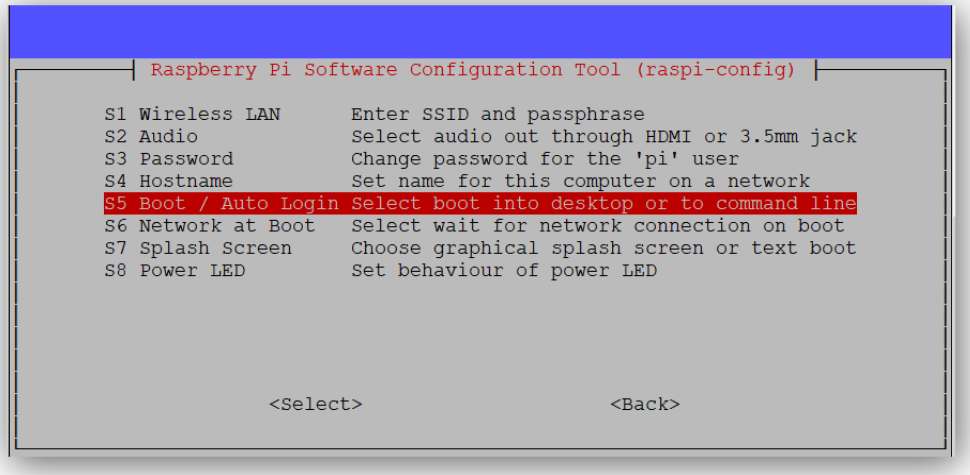
-

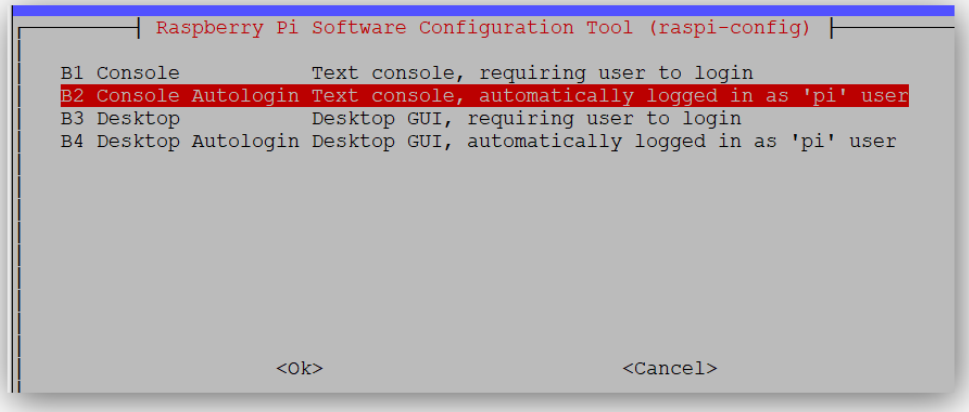
pi@RailControl: ~
Using username "pi".
Server refused our key
pi@pi's password:
Linux RailControl 5.10.17-v7+ #1403 SMP Mon Feb 22 11:29:51 GMT 2021 armv7l
The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Fri Mar 5 00:13:33 2021
pi@RailControl:~ $

-
-

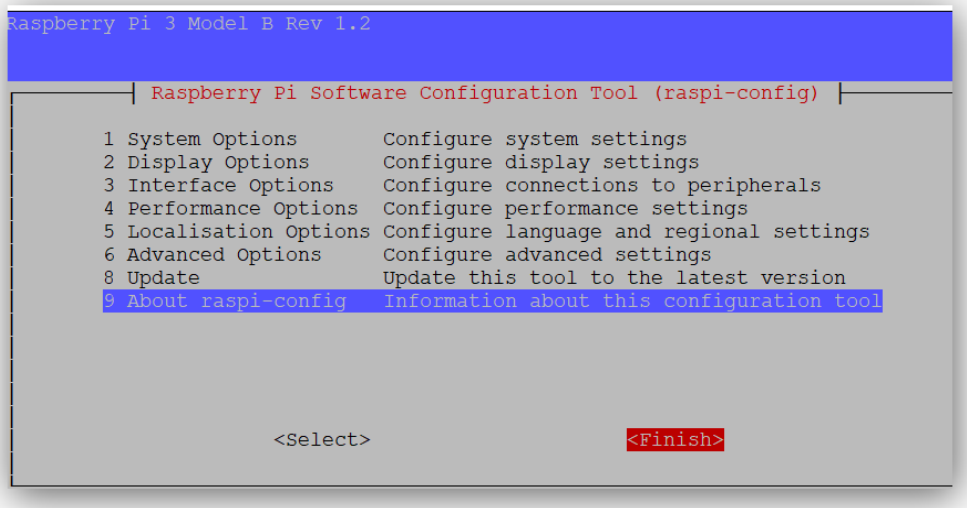

Using username "pi".
Server refused our key
pi@pi's password:
Linux RailControl 5.10.17-v7+ #1403 SMP Mon Feb 22 11:29:51 GMT 2021 armv7l
The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Fri Mar 5 00:13:33 2021
pi@RailControl:~ $ sudo raspi
raspi-config raspinfo raspivid raspiyuv
raspi-gpio raspistill raspividyuv
pi@RailControl:~ $ sudo raspi-config

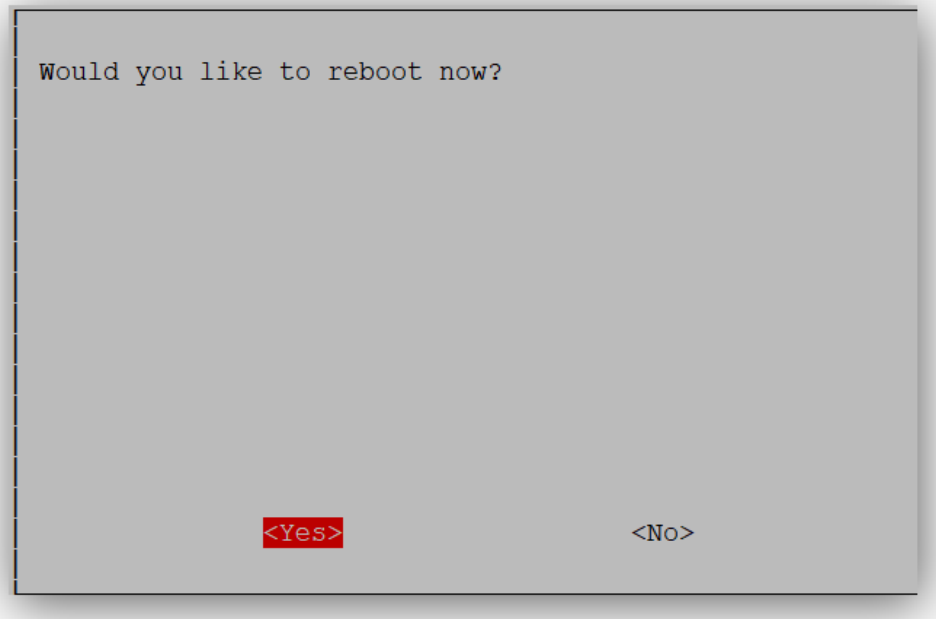

Raspberry Pi 3 Model B Rev 1.2
Raspberry Pi Software Configuration Tool (raspi-config)
1 System Options Configure system settings
2 Display Options Configure display settings
3 Interface Options Configure connections to peripherals
4 Performance Options Configure performance settings
5 Localisation Options Configure language and regional settings
6 Advanced Options Configure advanced settings
8 Update Update this tool to the latest version
9 About raspi-config Information about this configuration tool
<Select>
<Finish>


Raspberry Pi Software Configuration Tool (raspi-config)
S1 Wireless LAN Enter SSID and passphrase
S2 Audio Select audio out through HDMI or 3.5mm jack
S3 Password Change password for the 'pi' user
S4 Hostname Set name for this computer on a network
S5 Boot / Auto Login Select boot into desktop or to command line
S6 Network at Boot Select wait for network connection on boot
S7 Splash Screen Choose graphical splash screen or text boot
S8 Power LED Set behaviour of power LED
<Select>
<Back>

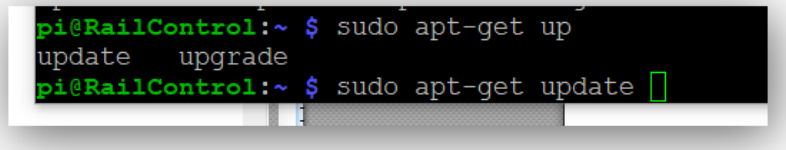

Raspberry Pi Software Configuration Tool (raspi-config)
B1 Console Text console, requiring user to login
B2 Console Autologin Text console, automatically logged in as 'pi' user
B3 Desktop Desktop GUI, requiring user to login
B4 Desktop Autologin Desktop GUI, automatically logged in as 'pi' user
<Ok>
<Cancel>

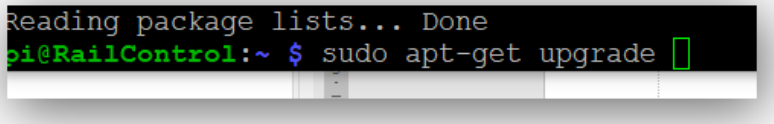
-
-

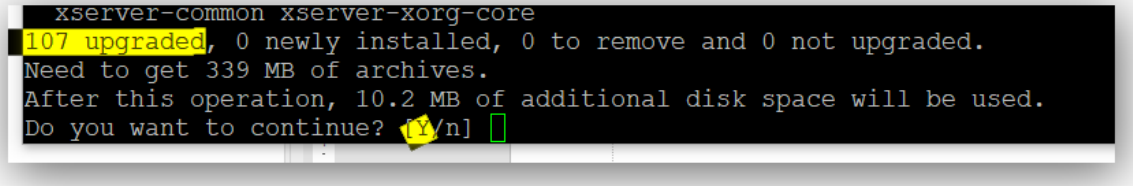

Raspberry Pi 3 Model B Rev 1.2
Raspberry Pi Software Configuration Tool (raspi-config)
1 System Options Configure system settings
2 Display Options Configure display settings
3 Interface Options Configure connections to peripherals
4 Performance Options Configure performance settings
5 Localisation Options Configure language and regional settings
6 Advanced Options Configure advanced settings
8 Update Update this tool to the latest version
9 About raspi-config Information about this configuration tool
<Select>
<Finish>


Would you like to reboot now?
<Yes>
<No>

-







am heutigen Tage waren es z.B 107 Stück. Bis diese installiert sind dauert es etwas, aber dann ist das Betriebssystem auf dem neuesten Stand. Dieses mache ich auch nur selten, ob es sein muss kann ich nicht beurteilen, ich bin kein Linux - Mensch.

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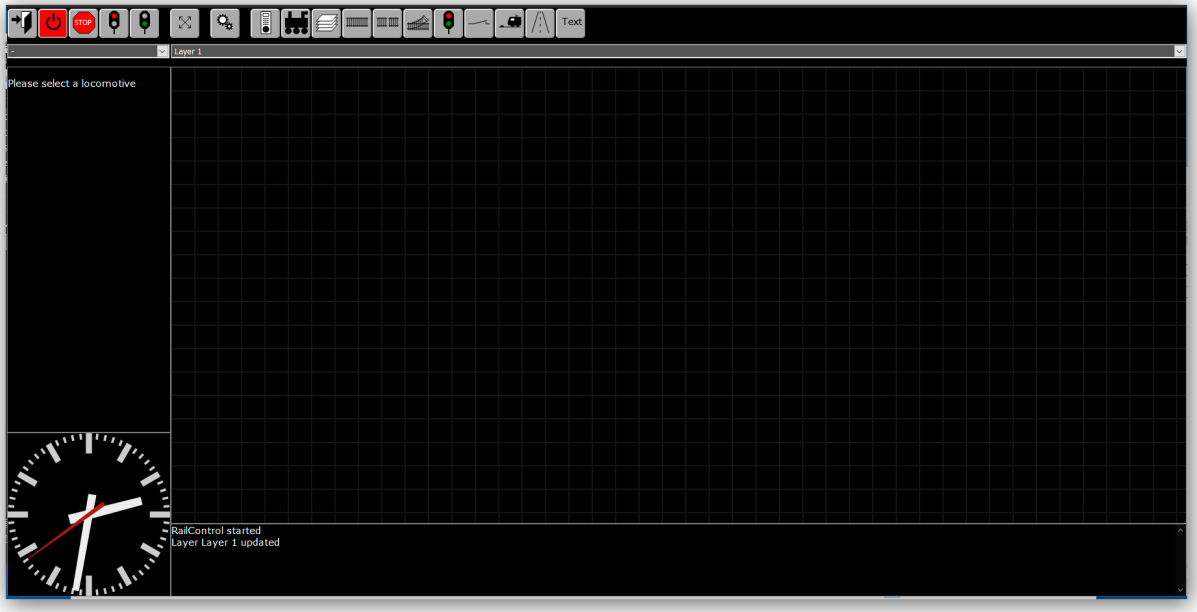
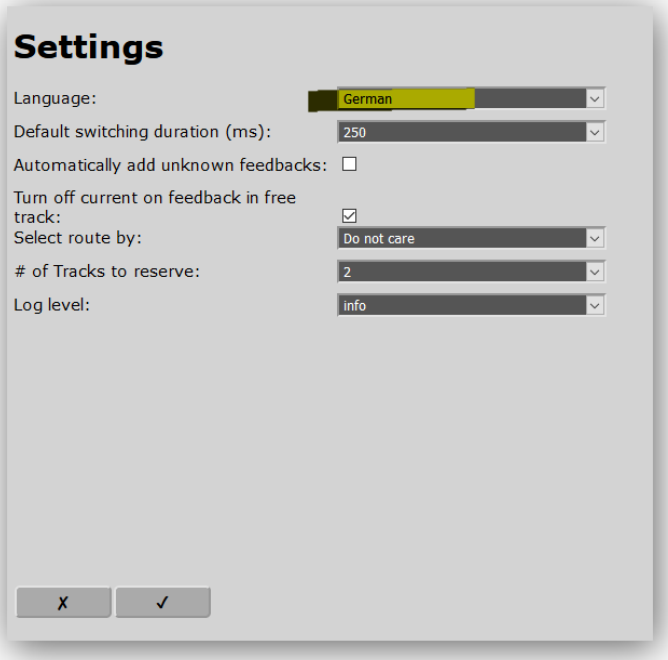
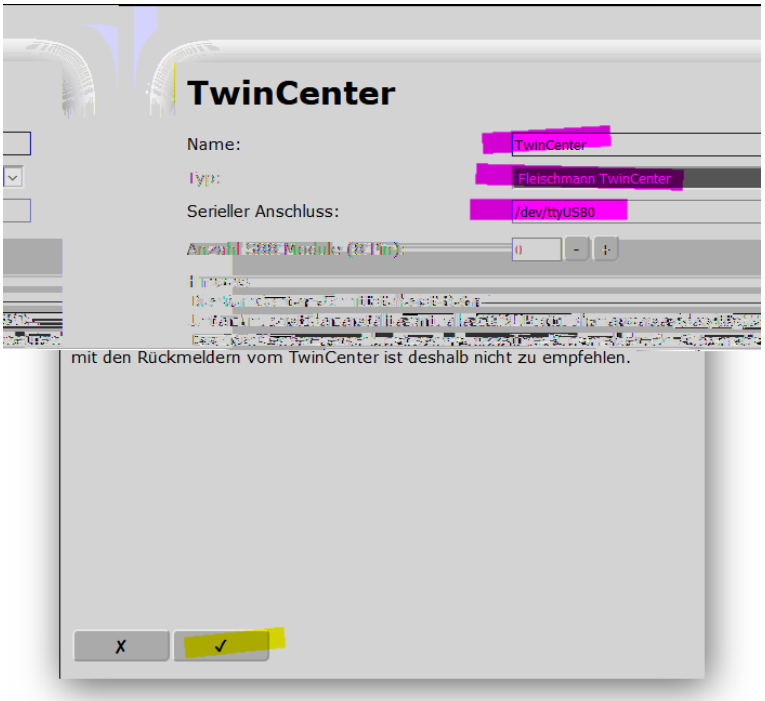

Text
Layer 1
Please select a locomotive
RailControl started
Layer Layer 1 updated

Ergebnis

-

- 
Settings
Language:
German
Default switching duration (ms):
250
Automatically add unknown feedbacks:
Turn off current on feedback in free track:
Select route by:
Do not care
# of Tracks to reserve:
2
Log level:
info
✗
✓

-
-



-
-

Taste betätigen, TwinCenter beobachten.
Rote Led wechselt auf Grün

-
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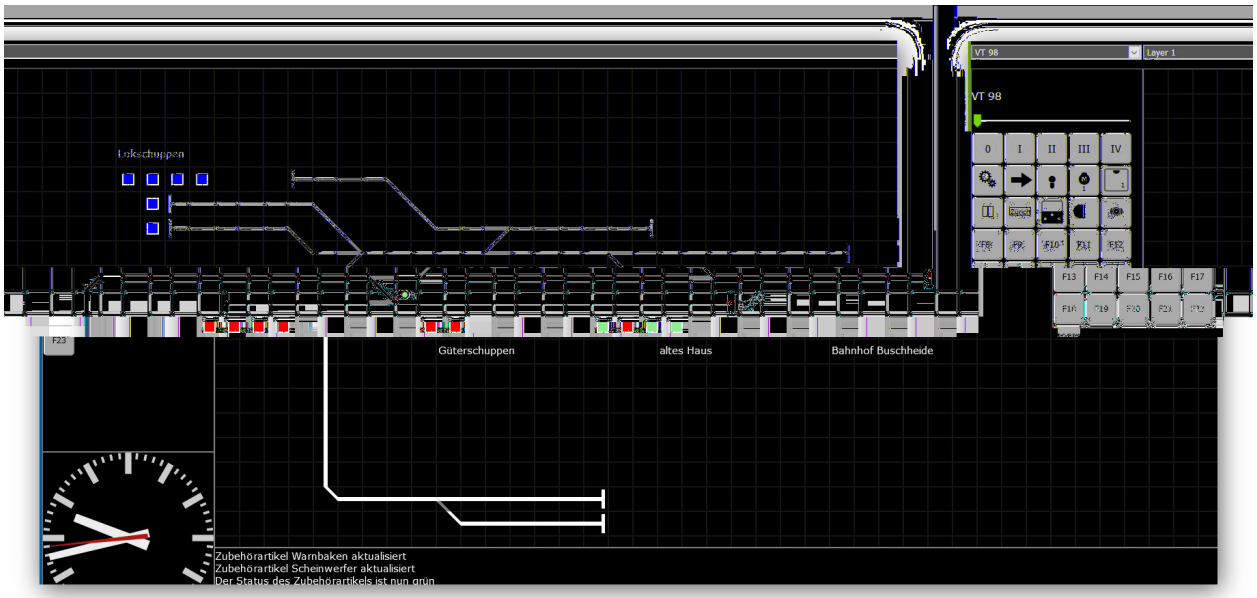
Lokschuppen
VT 98
Layer 1
VT 98
0
I
II
III
IV
F13
F14
F15
F16
F17
F23
Güterschuppen
altes Haus
Bahnhof Buschheide
Zubehörartikel Warnbaken aktualisiert
Zubehörartikel Scheinwerfer aktualisiert
Der Status des Zubehörartikels ist nun grün