

## Rex

file für Datei hochladen s. nächster Link:

<http://search.cpan.org/~jfried/Rex-0.43.5/lib/Rex/Commands/File.pm>

<http://www.rexify.org/api/Rex/Commands/File.pm.html>

<http://www.rexify.org/api/Rex/Commands/Fs.pm.html>

<http://wiki.ubuntuusers.de/SSH>

## rex manuell installieren

Net::SSH2 installieren, damit rex Installation nicht fehlschlägt

Pakete holen für libssh:

```
https://launchpad.net/ubuntu/natty/amd64/libssh2-1/1.2.6-1
https://launchpad.net/ubuntu/natty/amd64/libnet-ssh2-perl/0.33-1
```

Pakete für libssh installieren:

```
dpkg -i ....deb installieren
```

Rex installieren (ACHTUNG viele Passwort abfragen, wenn man nicht root ist.)

```
curl -L get.rexify.org | perl - --sudo -n Rex
```

Nicht nötig, da natty nicht mehr unterstützt wird. wget konfigurieren Proxy 172.22.100.2:80 in /etc/wgetrc eintragen. ab 12.04 precise eintragen

```
echo 'deb http://rex.linux-files.org/ubuntu/ precise rex' >>
/etc/apt/sources.list
wget -O - http://rex.linux-files.org/DPKG-GPG-KEY-REXIFY-REPO | apt-key add
-
apt-get update
apt-get install rex
```

Beispiel Rexfile:

```
ssh-keygen -t rsa
ssh-copy-id -i ~/.ssh/id_rsa user@server
```

```
# Test für Warnung in der Ausgabe
Rex::Logger::info("TEST-WARNUNG", "warn");

# User mit sudo-Rechten und dessen ssh-Keys
user "user";
```

```
private_key "/home/local_user/.ssh/id_rsa";
public_key "/home/local_user/.ssh/id_rsa.pub";
auth_key;

# Alles mit sudo-Rechten ausführen
sudo_password "test123";
sudo TRUE;

group clients => "berny";

task "upload", group => "clients", sub {
    say "Kopiere my_testfile auf Clients";
# file "</remote_path/upload_file>", source =>
"</local_path/to/upload_file>";
    file "/etc/my_testfile",
        source => "my_testfile";
};

task "mkdir", group => "clients", sub {
    say "mkdir testdir";
    mkdir( "/home/user/testdir" );
};
```

Rexfile um quagga in einem user-Account konfigurierbar zu machen:

## Rexfile

```
user "user";
private_key "/home/local_user/.ssh/id_rsa";
public_key "/home/local_user/.ssh/id_rsa.pub";
auth_key;
sudo_password "<PASSWORD>";
sudo TRUE;

group clients => "berny";
group testclient => "berny";

# Ziel-User und Rechte für den quagga-Ordner
my $user = "keinpasswort";
my $dmode = "777"; # Vollzugriff auf den Ordner
my $fmode = "666"; # Volle Schreib-/Leserechte auf die Konfig-Dateien

task "mkquagga", group => "testclient", sub {
    say "quagga-Ordner anlegen!";
    mkdir( "/home/" . $user . "/quagga",
        owner => $user,
        group => $user,
        mode => $dmode,
    );
};
```

```
say "confs in /etc/quagga erzeugen!";
run "touch /etc/quagga/zebra.conf";
run "touch /etc/quagga/ripd.conf";
run "touch /etc/quagga/ospfd.conf";

say "daemons aktivieren";
sed "ospfd=no", "ospfd=yes", "/etc/quagga/daemons";
sed "ripd=no", "ripd=yes", "/etc/quagga/daemons";
sed "zebra=no", "zebra=yes", "/etc/quagga/daemons";

say "Neue config-Pfade setzen!";
sed "zebra_options=\" --daemon -A 127.0.0.1\"", "zebra_options=\"
--daemon -A 127.0.0.1 -f /home/\".$user.\"/quagga/zebra.conf\"",
"/etc/quagga/debian.conf";
sed "ripd_options=\" --daemon -A 127.0.0.1\"", "ripd_options=\"
--daemon -A 127.0.0.1 -f /home/\".$user.\"/quagga/ripd.conf\"",
"/etc/quagga/debian.conf";
sed "ospfd_options=\" --daemon -A 127.0.0.1\"", "ospfd_options=\"
--daemon -A 127.0.0.1 -f /home/\".$user.\"/quagga/ospfd.conf\"",
"/etc/quagga/debian.conf";

say "sample configs kopieren";
cp ( "/usr/share/doc/quagga/examples/zebra.conf.sample",
"/home/\".$user.\"/quagga/zebra.conf" );
cp ( "/usr/share/doc/quagga/examples/ospfd.conf.sample",
"/home/\".$user.\"/quagga/ospfd.conf" );
cp ( "/usr/share/doc/quagga/examples/ripd.conf.sample",
"/home/\".$user.\"/quagga/ripd.conf" );

say "Rechte setzen";
chmod $fmode, "/home/\".$user.\"/quagga/*";
chown $user, "/home/\".$user.\"/quagga/*";
chgrp $user, "/home/\".$user.\"/quagga/*";
};

task "rmdirquagga", group => "testclient", sub {
say "quagga-Ordner löschen";
rmdir( "/home/\".$user.\"/quagga");
};
```

From:  
<https://www.kopfload.de/> - **kopfload - Lad Dein Hirn auf!**

Permanent link:  
<https://www.kopfload.de/doku.php?id=allgemein:howto:rex&rev=1418287315>

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