

1.1 Seafile

<http://seafile.com/en/download/>

<https://seacloud.cc/group/3/wiki/seafile-cli-manual/>

<http://manual.seafile.com/>

1.1.1 Von der Stange installieren

```
apt-get install python2.7 python-setuptools python-imaging python-mysqldb sqlite3
mkdir -p /opt/seafile-server
cd /opt/seafile-server
wget https://bitbucket.org/haiwen/seafile/downloads/seafile-server_4.0.6_pi.tar.gz
tar -xzf seafile-server_4.0.6_pi.tar.gz
mkdir installed
mv seafile-server_4.0.6_pi.tar.gz installed
cd seafile-server-4.0.6
./setup-seafile.sh
```

```
[ server name ] rasp1
[ This server's ip or domain ] rasp1.der-domi.local
[ default "10001" ]
[ default "/opt/seafile-server/seafile-data" ]
[ default "12001" ]
[ default "8082" ]
```

```
/opt/seafile-server/seafile-server-latest/seafile.sh start
```

```
/opt/seafile-server/seafile-server-latest/seahub.sh start
```

<http://rasp1.der-domi.local:8000/>

1.1.2 Selbst kompilieren

http://manual.seafile.com/build_seafile/rpi.html

```
apt-get install build-essential
apt-get install libevent-dev libcurl4-openssl-dev libglib2.0-dev uuid-dev intltool
libsqlite3-dev libmysqlclient-dev libarchive-dev libtool libjansson-dev valac libfuse-dev
re2c flex python-setuptools
apt-get install make cmake #g++ #python-dev #python-pip
mkdir -p /opt/dev
cd /opt/dev
git clone https://www.github.com/haiwen/libevhttp.git
cd libevhttp
cmake -DEVHTTP_DISABLE_SSL=OFF -DEVHTTP_BUILD_SHARED=ON .
make
make install
cp /opt/dev/libevhttp/oniguruma/onigposix.h /usr/local/include
cd /opt/dev
git clone https://www.github.com/haiwen/libzdb.git
cd libzdb
chmod 0744 autogen.sh
./autogen.sh
```

```
./configure
make
make install

ldconfig # update the system-level library cache

wget http://www.tildeslash.com/libzdb/dist/libzdb-2.12.tar.gz
tar xzfv libzdb-2.12.tar.gz
cd libzdb-2.12
./configure
make
make install

mkdir -p /opt/dev/tmp
cd /opt/dev/tmp
wget -O django.tar.gz https://www.djangoproject.com/download/1.5.12/tarball/
wget -O djblets.tar.gz https://github.com/djblets/djblets/tarball/release-0.6.14
wget http://pypi.python.org/packages/source/g/gunicorn/gunicorn-0.16.1.tar.gz
wget http://pypi.python.org/packages/source/f/flup/flup-1.0.tar.gz
wget https://pypi.python.org/packages/source/c/chardet/chardet-2.3.0.tar.gz
wget https://labix.org/download/python-dateutil/python-dateutil-1.5.tar.gz
wget https://pypi.python.org/packages/source/s/six/six-1.9.0.tar.gz
mkdir -p /opt/dev/seahub_thirdpart
cd /opt/dev/seahub_thirdpart
export PYTHONPATH=.
easy_install -d . /opt/dev/tmp/django.tar.gz
easy_install -d . /opt/dev/tmp/djblets.tar.gz
easy_install -d . /opt/dev/tmp/gunicorn-0.16.1.tar.gz
easy_install -d . /opt/dev/tmp/flup-1.0.tar.gz
easy_install -d . /opt/dev/tmp/chardet-2.3.0.tar.gz
easy_install -d . /opt/dev/tmp/python-dateutil-1.5.tar.gz
easy_install -d . /opt/dev/tmp/six-1.9.0.tar.gz

export PKG_CONFIG_PATH=/opt/dev/libsearpc:$PKG_CONFIG_PATH
export PKG_CONFIG_PATH=/opt/dev/seafile/lib:$PKG_CONFIG_PATH
export PKG_CONFIG_PATH=/opt/dev/ccnet:$PKG_CONFIG_PATH

cd /opt/dev
git clone https://github.com/haiwen/libsearpc.git
cd libsearpc
git reset --hard v3.0-latest
./autogen.sh
./configure
make dist
```

```
cd /opt/dev
git clone https://github.com/haiwen/ccnet.git
cd ccnet
git reset --hard v4.1.2-server
./autogen.sh
./configure
make dist

cd /opt/dev
git clone https://github.com/haiwen/seafile.git
cd seafile
git reset --hard v4.1.2-server
./autogen.sh
./configure
make dist

cd /opt/dev
git clone https://github.com/haiwen/seahub.git
cd seahub
git reset --hard v4.1.2-server
export PATH=/opt/dev/seahub_thirdpart:$PATH
./tools/gen-tarball.py --version=4.1.4 --branch=HEAD

cd /opt/dev
git clone https://github.com/haiwen/seafobj.git
cd seafobj
git reset --hard v4.1.2-server
make dist

cd /opt/dev
git clone https://github.com/haiwen/seafdav.git
cd seafdav
git reset --hard v4.1.2-server
make

mkdir /opt/dev/seafobj-sources-v4.1.2
cp /opt/dev/libsearpc/libsearpc-1.2.2.tar.gz /opt/dev/seafobj-sources-v4.1.2
cp /opt/dev/seafdav/seafdav.tar.gz /opt/dev/seafobj-sources-v4.1.2
cp /opt/dev/seafobj/seafobj.tar.gz /opt/dev/seafobj-sources-v4.1.2
cp /opt/dev/ccnet/ccnet-1.4.2.tar.gz /opt/dev/seafobj-sources-v4.1.2
cp /opt/dev/seafobj/seafobj-4.1.4.tar.gz /opt/dev/seafobj-sources-v4.1.2
cp /opt/dev/seahub/seahub-4.1.2.tar.gz /opt/dev/seafobj-sources-v4.1.2

mkdir -p /opt/dev/seafobj-sources-pkgs/v4.1.2
cd /opt/dev/seafobj-sources-pkgs/v4.1.2
```

```
/opt/dev/seafiler/scripts/build/build-server.py --libsearpc_version=1.2.2
--ccnet_version=1.4.2 --seafiler_version=4.1.4 --version=4.1.2
--thirdpartdir=/opt/dev/seahub_thirdpart --srcdir=/opt/dev/seafiler-sources-v4.1.2
--outputdir=/opt/dev/seafiler-sources-pkgs/v4.1.2
```

1.1.3 Upgrade Seafiler

```
cd /opt/seafiler-server/
```

Get package:

```
cp ../dev/seafiler-sources-pkgs/v4.1.2/seafiler-server_4.1.2_pi.tar.gz .
```

```
tar -xzf seafiler-server_4.1.2_pi.tar.gz
```

```
mv seafiler-server_4.1.2_pi.tar.gz installed
```

```
cd seafiler-server-4.1.2/
```

```
upgrade/upgrade_4.0_4.1.sh
```

```
cp /usr/local/lib/libzdb.so.10 /opt/seafiler-server/seafiler-server-latest/seafiler/lib/
```