

hCloud - Nextcloud

- [Einführung](#)
- [File Access](#)
- [Sync Client](#)
- [Office integration](#)
- [Calendar CalDAV and addresses CardDAV](#)
- [Installation Sync Client unter Linux](#)

Einführung

Definition

Nextcloud ist eine freie Software für das Speichern von Daten (z. B. Dateien, Kalendern, Kontakten etc.) auf einem privaten Server. Auf die Daten kann der Anwender sowohl über eine Weboberfläche als auch mit Client-Applikationen (Smartphone und Desktop) zugreifen. Server und Clients können sich dabei synchronisieren. Nextcloud ermöglicht dem Anwender dadurch, auf einen zentralen und konsistenten Datenbestand von vielen Endgeräten aus zuzugreifen und diesen mit anderen Anwendern optional zu teilen. Neben der Datenhaltung bietet Nextcloud Funktionalitäten für Videokonferenzen und verschiedene Office-Applikationen über die Weboberfläche.

Funktionen

Basisfunktionen

- Benutzer-, Gruppen- und Rechteverwaltung (erweiterbar, zum Beispiel zur Authentifizierung mit [LDAP](#))
- [Passwort](#)-Richtlinien
- [Brute-Force](#)-Schutz
- [Monitoring](#) (Web/API)-Schnittstelle
- Integration mit Windows-Netzfreigaben ([SMB/CIFS](#)), externen Speicher mit [Swift](#), [FTP/SFTP](#), [WebDAV](#), [Amazon S3](#), [Google Drive](#), [Microsoft Azure](#) und [Dropbox](#)
- Videokonferenz über Nextcloud-Talk
- Bildschirmfreigabe über Nextcloud-Talk
- [Verschlüsselung](#) der Daten auf dem Server sowie eine verschlüsselte Übertragung per [SSL/TLS](#)
- Teilen von Dateien und Ordnern mit anderen Benutzern, Gruppen oder über öffentliche [URLs](#)
- Anonymes Hochladen (Kein Benutzerkonto erforderlich)
- Integration von [Collabora Online](#), einer auf [LibreOffice](#) basierenden [Online-Office](#)-Applikation

- Integration von [OnlyOffice](#)
- Betrachter für [PDF](#)- und [Microsoft-Office](#)-Dateien
- [Volltextsuche](#)
- Anpassen des Erscheinungsbilds ([Theming](#))
- [Zwei-Faktor-Authentifizierung](#)

Plugins

Da die Software modular aufgebaut ist, lässt sie sich durch ein [Plugin](#)-System um beliebige Funktionalitäten erweitern.

- Kalender (auch als [CalDAV](#)), Adressbuch (auch als [CardDAV](#))
- [E-Mail-Programm](#)
- [Feedreader](#) und [Lesezeichenverwaltung](#)
- [Texterkennung](#) für Bilder und PDF-Dateien (Nutzung von [Tesseract](#)), [Kollaboration](#) (Kommentare zu Dateien, [Verschlagwortung](#))
- Aktivitätenanzeige und Umsetzung der Anforderungen der [Datenschutz-Grundverordnung](#) (DSGVO)
- Musik- und Videowiedergabe und hören von [Internetradio](#)
- Aufgabenplaner (To-Do-Listen), Erstellen von [Mindmaps](#), Erstellen von Diagrammen (u. a. Netzwerk, [Ablaufdiagramme](#), [Geschäftsprozesse](#), [UML](#)), [Kanban](#)-Projektmanagement
- Integration von [Content-Management-Systemen](#) (u. a. Pico-CMS), Webanalytik (Nutzung von [Piwik](#)/[Matomo](#))
- Bearbeiten von Textdateien mit Unterstützung für [Markdown](#) und [WYSIWYG](#)-Editor für Textdateien inkl. Markdown-Unterstützung
- Auswerten von [Geodaten](#) im [GPS Exchange Format](#)
- Betrachter für [Wettervorhersagen](#), [Digital Imaging and Communications in Medicine](#) und [Karten](#) (Kartografie)
- Fotogalerie oder Verwaltung von [Kochrezepten](#)

Grundsätzlich gibt es verschiedene Apps in verschiedenen Kategorien, z. B. Dateien, Spiele, Überwachung, Multimedia, Organisation, Sicherheit und Kommunikation.

File Access

Introduction

There are basically three different ways to get access to files stored on the Nextcloud:

- WebDAV (<davs://hcloud.simmy.org/remote.php/dav/files/yourName/>)
- Login to the Nextcloud with the web GUI (<https://hcloud.simmy.org>)
- Use the sync client and access like local files

WebDAV will only work if an appropriate client is already installed.

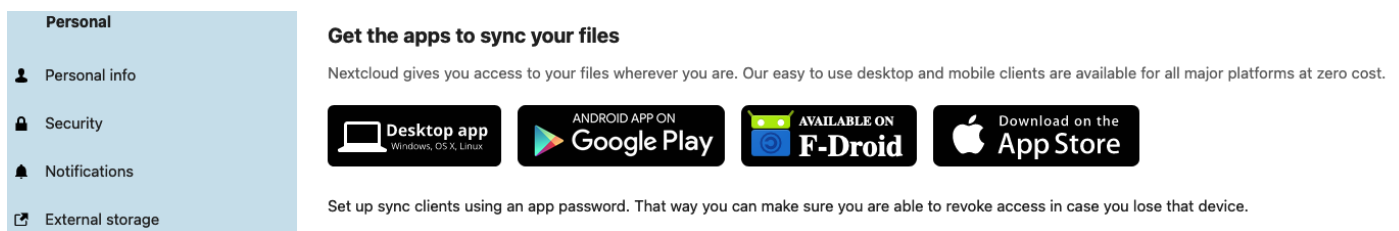
Sync Client

Introduction

A very useful and highly recommended feature is the file sync client of Nextcloud. This client offers a seamless integration of your Nextcloud files in your local favorite file manager. You can work with these files as if they were stored on your local machine.

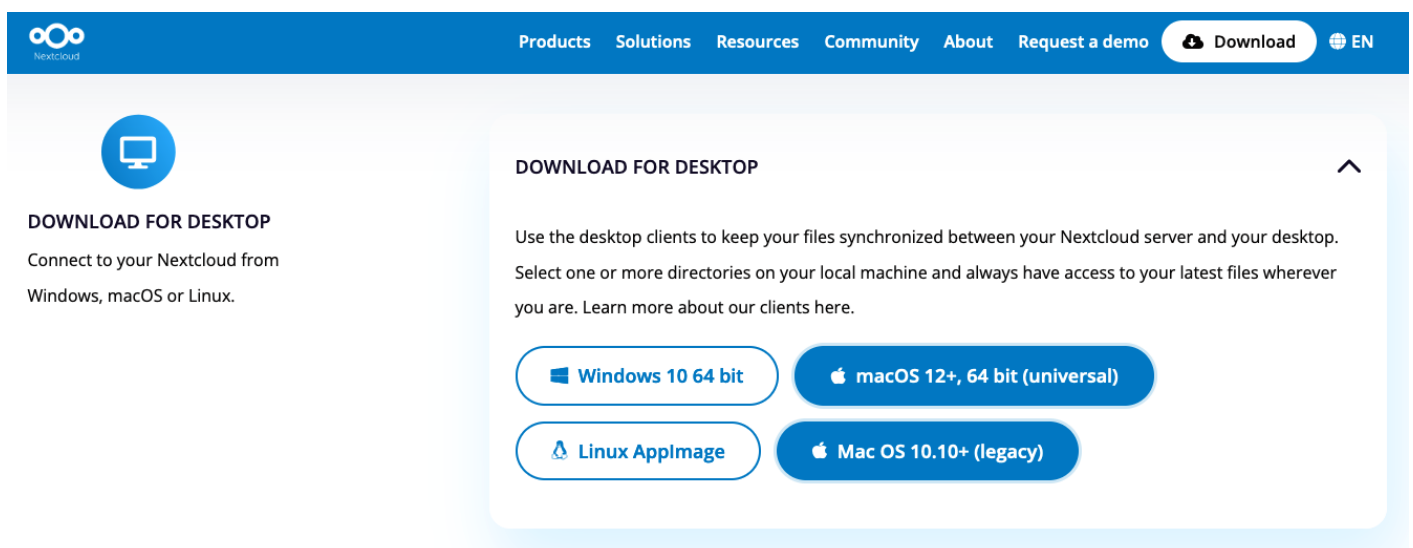
Download the installation file

If you logon to the Nextcloud, go to your Profile and then click on Mobile & Desktop.



The screenshot shows the Nextcloud user interface. On the left is a sidebar with the 'Personal' section selected, containing links for 'Personal info', 'Security', 'Notifications', and 'External storage'. The main content area is titled 'Get the apps to sync your files' and includes a sub-header 'Nextcloud gives you access to your files wherever you are. Our easy to use desktop and mobile clients are available for all major platforms at zero cost.' Below this are four buttons: 'Desktop app' (Windows, OS X, Linux), 'Google Play' (Android app), 'F-Droid' (Available on), and 'Download on the App Store' (Apple). A note at the bottom states: 'Set up sync clients using an app password. That way you can make sure you are able to revoke access in case you lose that device.'

Click on "Desktop app".



The screenshot shows the 'Download for Desktop' page on the Nextcloud website. The page has a blue header with the Nextcloud logo and navigation links: 'Products', 'Solutions', 'Resources', 'Community', 'About', 'Request a demo', 'Download', and 'EN'. The main content area is titled 'DOWNLOAD FOR DESKTOP' and includes a sub-header 'Use the desktop clients to keep your files synchronized between your Nextcloud server and your desktop. Select one or more directories on your local machine and always have access to your latest files wherever you are. Learn more about our clients here.' Below this are four buttons: 'Windows 10 64 bit', 'macOS 12+, 64 bit (universal)', 'Linux Appliance', and 'Mac OS 10.10+ (legacy)'.

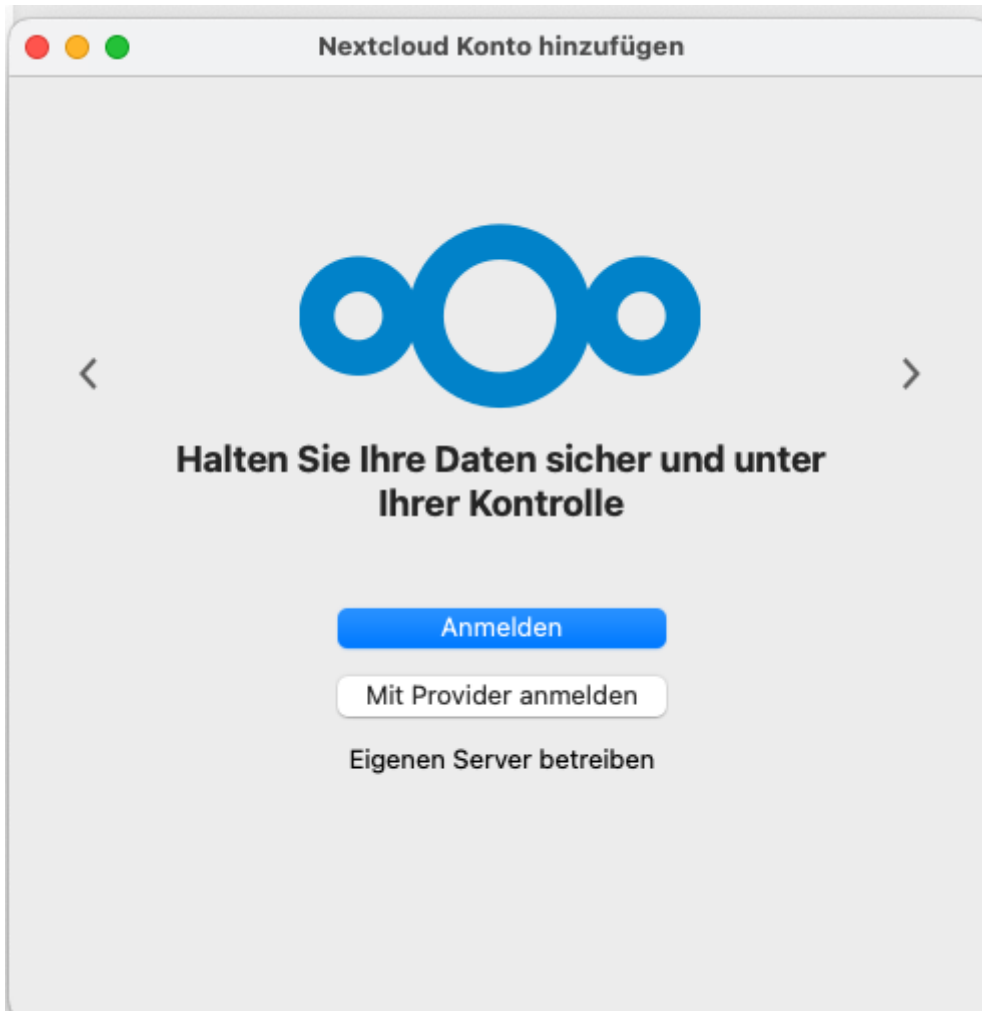
Select your installation file by clicking on it. It will download automatically to your machine. After that you have to click on it to execute.

Follow the easy and simple setup.

Configuration of sync

After a successful installation you can configure the sync.

Establish access to the Nextcloud server





Nextcloud Konto hinzufügen



Serveradresse

Der Link zu Ihrer Nextcloud Webseite, wenn Sie diese im Browser öffnen.

< Zurück

Weiter >



Wechseln Sie zu Ihrem Browser um Ihr Konto zu verbinden

Warte auf Autorisierung... (17)

[Link kopieren](#)

[Browser erneut öffnen](#)

[< Zurück](#)



Account access

Currently logged in as Holger Schindler (hschindler).


You are about to grant **NEQ0382435.simmy.ch (Desktop Client - Macintosh)** access to your Nextcloud account.

Grant access →


Click on "Grant access".


Configuration of the files to sync

Nextcloud Konto hinzufügen




Holger Schindler
hcloud.simmy.org





Lokaler Ordner
/Users/neo/Nextcloud2
1.1 TB freier Platz
[Anderen Ordner wählen](#)

☒ Alle Daten vom Server synchronisieren (27 GB)

☒ Fragen bevor Ordner synchronisiert werden. Grenze:  MB

☒ Fragen bevor externe Speicher synchronisiert werden

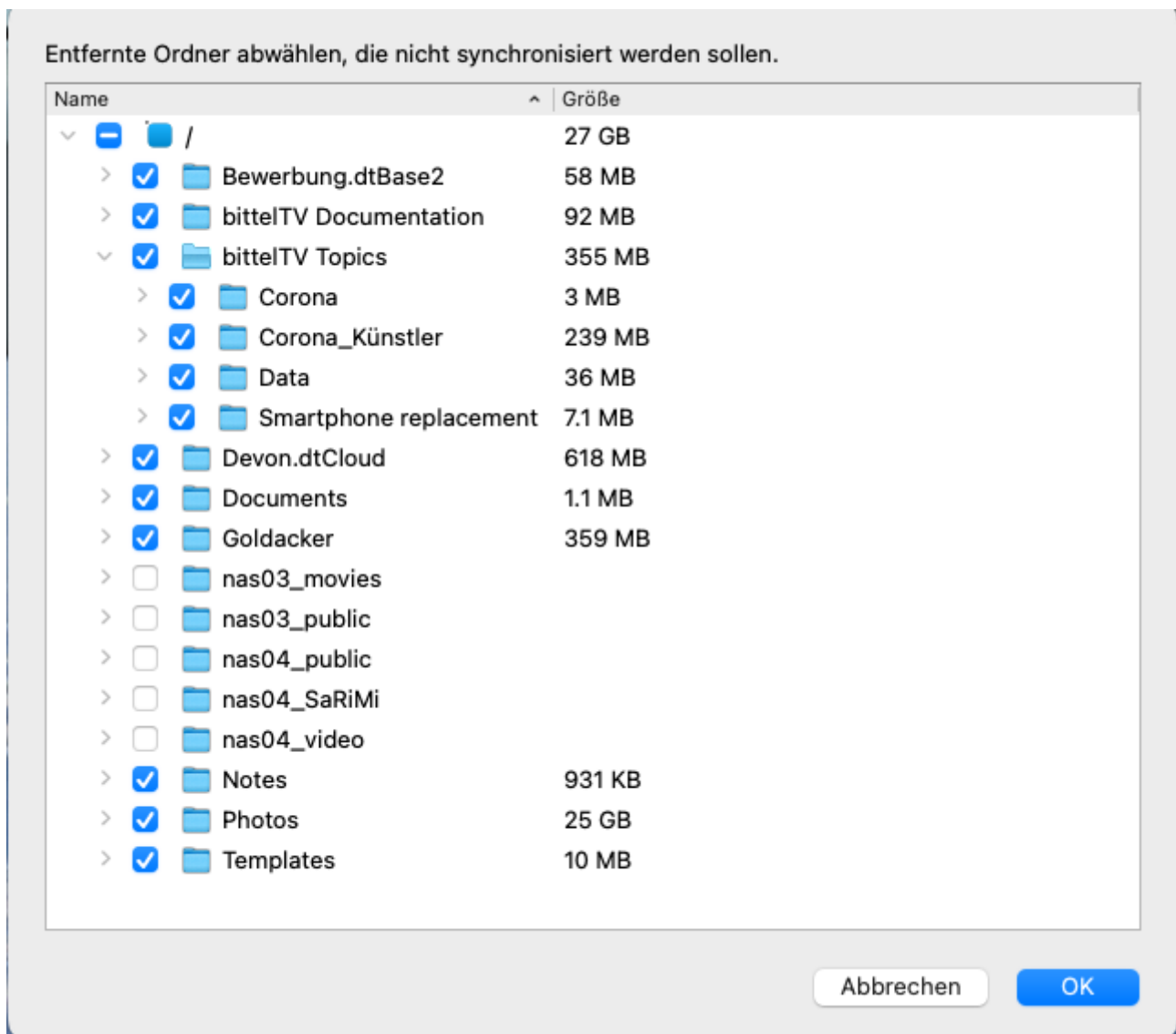
☐ [Zu synchronisierende Elemente auswählen](#)

[Abbrechen](#)

[Ordner-Konfiguration überspringen](#)

[Verbinden](#)

I strongly recommend to click on "select synchronization elements" and NOT using the default configuration.



This view can look much different depending on the kind of data you have access to.

This screen shows you exactly how much data is there to be synced to your machine. You can select very granular each sub-directory you need on your local machine. It's a matter of seconds to decide this. Look at the size of the directories. And decide. I recommend that you don't start a synchronization on directories with many Gigabytes. This will take too long.

Don't select nas03... or nas04... This will immediately fill all your local disk-space up and might render your machine unusable.

The next screen lets you decide to which folder the data will be synced. I recommend leaving this at the default settings. You can access your data within a couple minutes inside the folder Nextcloud. Normally the sync client will auto-start when you turn on your computer. There will be a very small icon either in the right upper or lower corner, where you can always go back and change the settings of the synchronization.

Office integration

Introduction

It is possible to integrate two different edit suites into Nextcloud:

- Collabora Office
- OnlyOffice

Collabora Office is the recommended solution of Nextcloud. OnlyOffice looks much more like MS Office. So I prefer and recommend OnlyOffice.

Collabora office will create all documents in a specific format: .odg, odp and .odt.

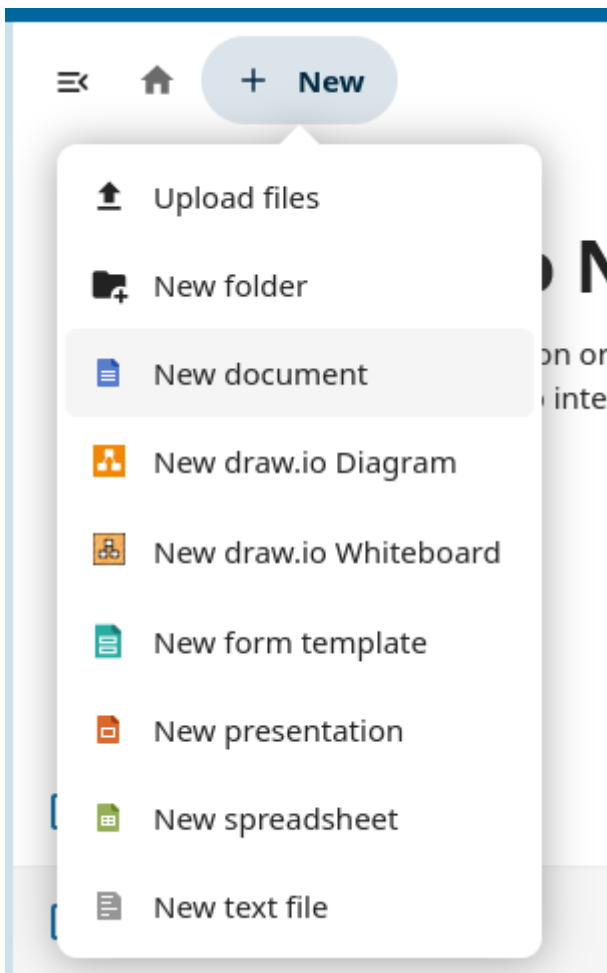
OnlyOffice will create all documents in the MS Office format: .xls, .ppt, .docx.

At the moment OnlyOffice is integrated, Collabora not.

Check if OnlyOffice integration is working

Goto Files, click on "+New".

You should see something like:



New form template, New presentation, New spreadsheet indicates that the integration is working.

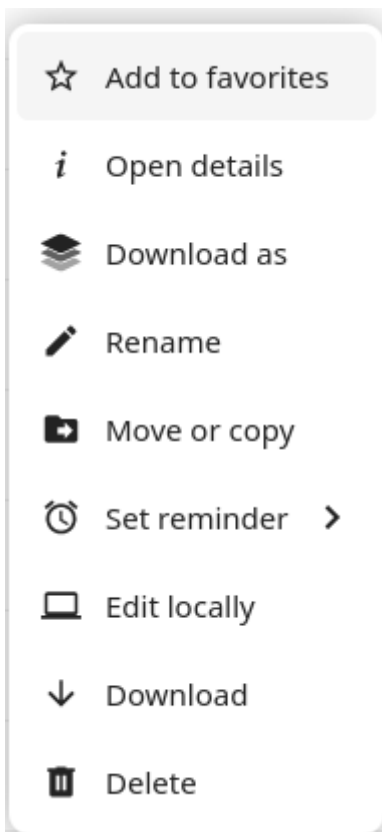
Workarounds

If none of the office integrations is working, then there are a couple of workarounds.

Edit locally with Nextcloud sync client

Install the Nextcloud sync client on your computer and sync all the necessary directories/files to your computer and edit with local software. This is not only meant as workaround, but it is also a recommended way to work.

Edit locally



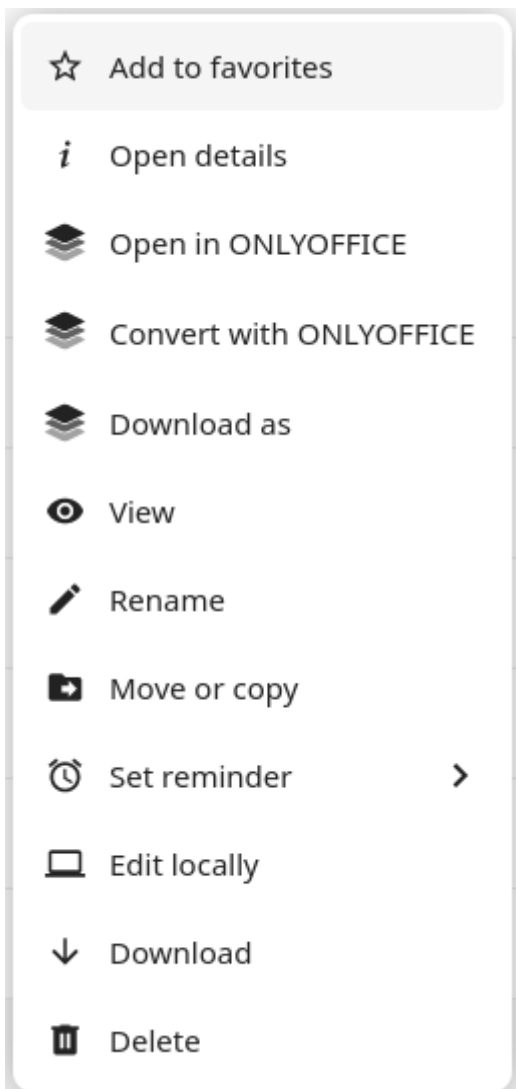
If you right click the file, then you will see a menu, that allows you to download the file.

You can "Download as", which allows you change the file format and saves the file on your local machine. Don't forget to upload the file after you finished your work.

You can "Edit locally", which should automatically open the appropriate software on your local machine. After clicking "save", the file should be uploaded to NextCloud automatically. Setback: this will only work if your client is correctly configured.

You can "Download". This will save the file on your local machine. Don't forget to upload the file after you finished your work.

Edit with OnlyOffice



If you originally created a file with Collabora and you make a right click on the file, you will see the above menu. It allows you to open the file in OnlyOffice or to convert the file to a format, that can be edited with OpenOffice.

Calendar CalDAV and addresses CardDAV

Introduction

Two very useful feature of the Nextcloud are CalDAV and CardDAV.

CalDAV is a calendar. This calendar can be used with almost any calendar software on the market (like Outlook or Calendar on macOS).

CardDAV is a very useful address book. It can be used together with outlook or with many other address book applications.

Have one calendar, address book on your mobile device (iPhone, Android Handy) on your Desktop (Windows or Apple) and in the Nextcloud. Addresses and dates will be automatically synced between all your devices and will be available on all devices.

Setup calendar and address book

Synchronizing with macOS

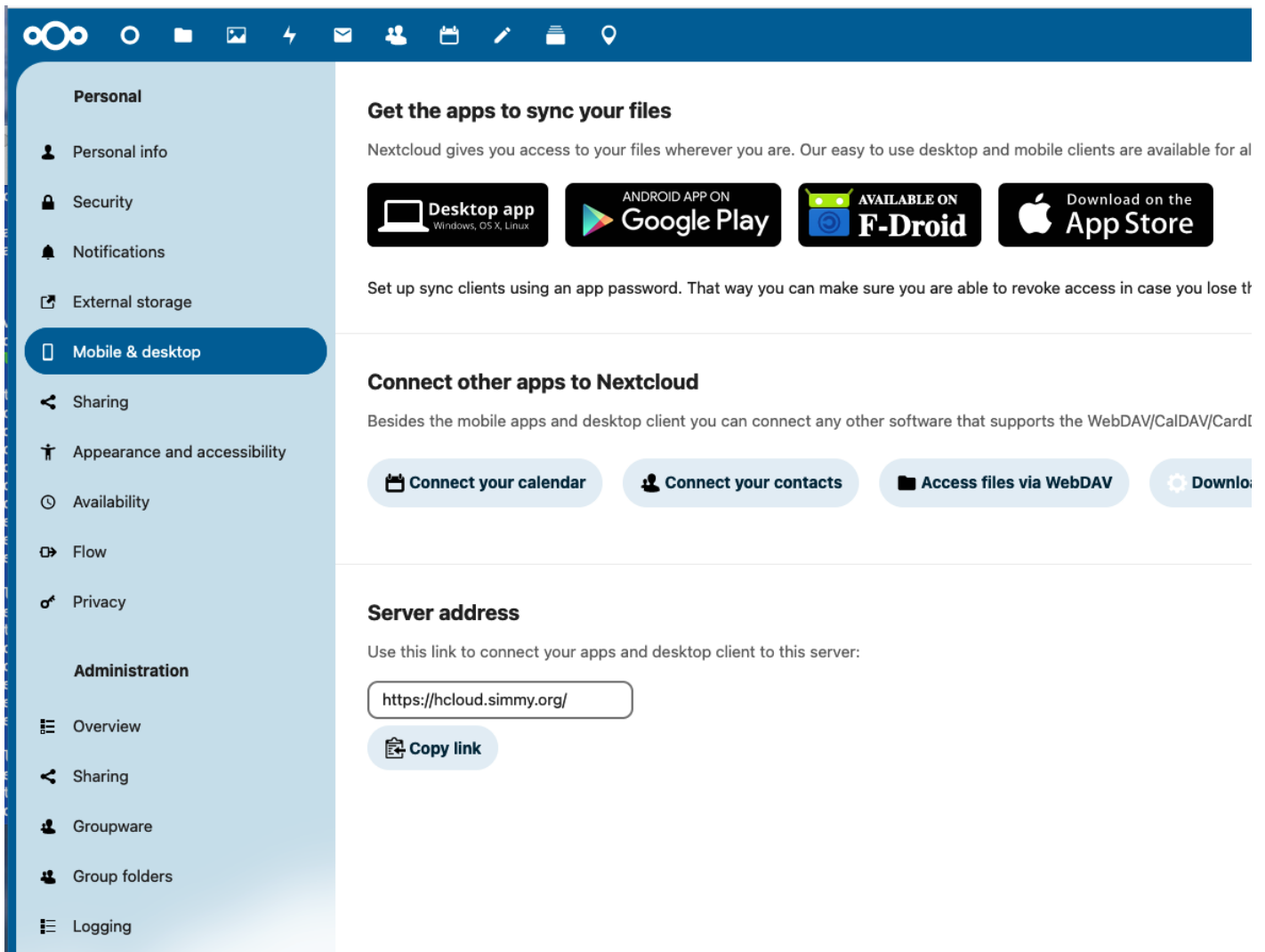
Synchronizing with Windows 10

Synchronizing with Android

Synchronizing with iOS

Easy usage

If you logon to the Nextcloud, go to your Profile and then click on Mobile & Desktop.



The screenshot shows the Nextcloud web interface. On the left is a sidebar with a menu. The 'Mobile & desktop' option is highlighted. The main content area has a blue header with the title 'Get the apps to sync your files'. Below this, there's a paragraph explaining that Nextcloud provides access to files everywhere and lists available desktop and mobile clients. Four buttons are shown: 'Desktop app' (Windows, OS X, Linux), 'Google Play' (Android app), 'F-Droid' (available on), and 'Download on the App Store' (Apple). A note says 'Set up sync clients using an app password. That way you can make sure you are able to revoke access in case you lose th'. Below this is a section 'Connect other apps to Nextcloud' with a paragraph stating that besides mobile apps and desktop clients, other software supporting WebDAV/CalDAV/CardDAV can be connected. Four buttons are present: 'Connect your calendar', 'Connect your contacts', 'Access files via WebDAV', and 'Download'. At the bottom, there's a 'Server address' section with a text box containing 'https://hcloud.simmy.org/' and a 'Copy link' button.

Personal

- Personal info
- Security
- Notifications
- External storage
- Mobile & desktop**
- Sharing
- Appearance and accessibility
- Availability
- Flow
- Privacy

Administration

- Overview
- Sharing
- Groupware
- Group folders
- Logging

Get the apps to sync your files

Nextcloud gives you access to your files wherever you are. Our easy to use desktop and mobile clients are available for all platforms.

Desktop app
Windows, OS X, Linux

Google Play
ANDROID APP ON

F-Droid
AVAILABLE ON

Download on the App Store

Set up sync clients using an app password. That way you can make sure you are able to revoke access in case you lose the password.

Connect other apps to Nextcloud

Besides the mobile apps and desktop client you can connect any other software that supports the WebDAV/CalDAV/CardDAV protocols.

Connect your calendar **Connect your contacts** **Access files via WebDAV** **Download**

Server address

Use this link to connect your apps and desktop client to this server:

<https://hcloud.simmy.org/>

Copy link

You will find lots of examples with pictures if you click on "Connect your calendar" and "Connect your contacts".

There is no need to download a configuration profile.

Installation Sync Client unter Linux

Vorwort

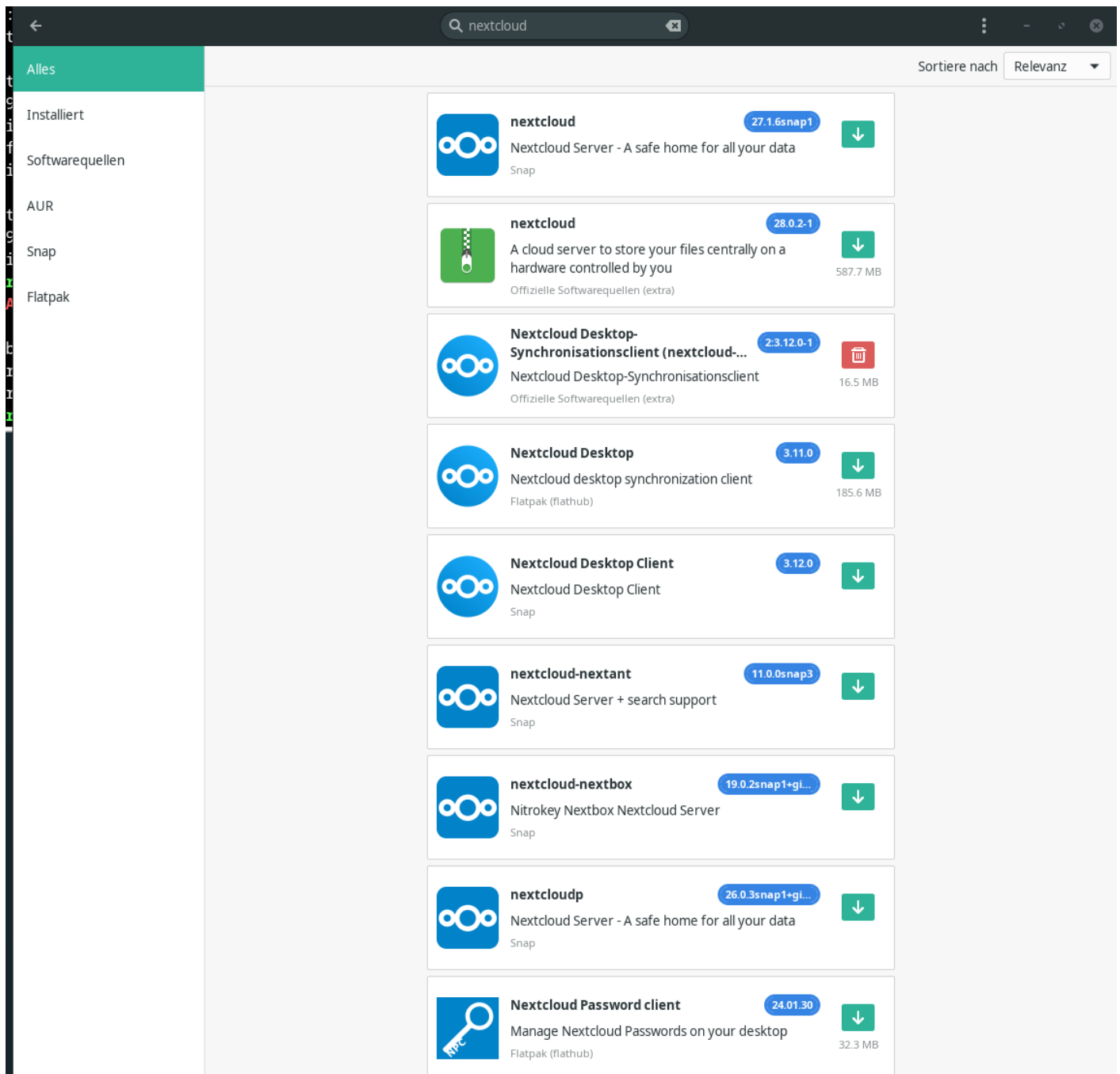
Die meisten Linux Distros bringen den nextcloud sync client native mit. Ich empfehle die Installation dieses Clients über den Linux Software Manager.

Darüber hinaus gibt es noch eine Fülle von weiteren Tools für die einzelnen Module der NextCloud:

- Password Client
- Bookmarks
- ebookreader
- ...

Installation

Öffne den Paketmanager von deinem Linux. Gehe auf "Suchern" (Lupensymbol) und suche nach nextcloud. Das Ergebnis sollte in etwa so aussehen:



Hier kann man den NextCloud Desktop-Synchronisationsclient (hier: Version 2.13.12.0-1) anwählen.

Konfiguration



Holger Schindler
hcloud.simmy.org



Allgemein

Netzwerk



Verbunden mit <https://hcloud.simmy.org> als Holger Schindler.

26 GB wird verwendet



Nextcloud

Synchronisiere mit lokalem Ordner

Nextcloud3



- ▶ ☒ Bewerbung.dtBase2 (58 MB)
- ▶ ☐ bittelTV Documentation (92 MB)
- ▶ ☐ bittelTV Topics (355 MB)
- ▶ ☒ Devon.dtCloud (618 MB)
- ▶ ☒ Documents (1.1 MB)
- ▶ ☐ Goldacker (359 MB)
- ▶ ☐ nas03_movies
- ▶ ☐ nas03_public
- ▶ ☐ nas04_public
- ▶ ☐ nas04_SaRiMi
- ▶ ☐ nas04_video
- ▶ ☒ Notes (931 KB)
- ▶ ☐ Photos (25 GB)
- ▶ ☐ shopping (4.9 MB)
- ▶ ☒ Templates (10 MB)

Ordner-Synchronisierung hinzufügen

Es gibt Ordner, die nicht synchronisiert werden konnten, da sie zu groß oder externe Speicher sind: [Goldacker](#), [shopping](#)

Alles synchronisieren

Nichts synchronisieren

Manuelle Änderungen anwenden