

Nextcloud: Your Own Piece of the Cloud

SeaGL

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SeaGL Portal

der.hans (https://floss.social/@FLOX_advocate)

CDE Manager

Object Rocket, a rackspace company

<https://www.ObjectRocket.com/>

Yes, I'm hiring :)

ObjectRocket

<https://www.objectrocket.com/careers/>

Rackspace Technologies

<https://rackspace.jobs/>

Describe

Nextcloud is a multi-featured service where you can store and control your own:

- photos
- file sharing
- phone addressbook
- shared document editing
- password management
- webforms
- federation
- more

Nextcloud Dashboard

The screenshot shows the Nextcloud Dashboard interface. At the top, there is a navigation bar with various icons for home, files, photos, lightning bolt, mail, contacts, calendar, edit, printer, network, menu, checkmark, and search. On the right side of the navigation bar, there are icons for search, notifications, user profile, and a red circle with the letter 'D'. Below the navigation bar, the main content area has a blue background with a white cloud pattern. The text "Good afternoon" is displayed in the center. Below this, there are two buttons: "Set status" and "Set location for weather". The dashboard is divided into three main sections: "Recommended files", "Important mail", and "Upcoming events".

Recommended files

- Nextcloud community.jpg
- Library.jpg
- Toucan.jpg
- Birdie.jpg
- Gorilla.jpg
- Frog.jpg
- Steps.jpg

Important mail

No message found yet

[Set up an account](#)

Upcoming events

No upcoming events

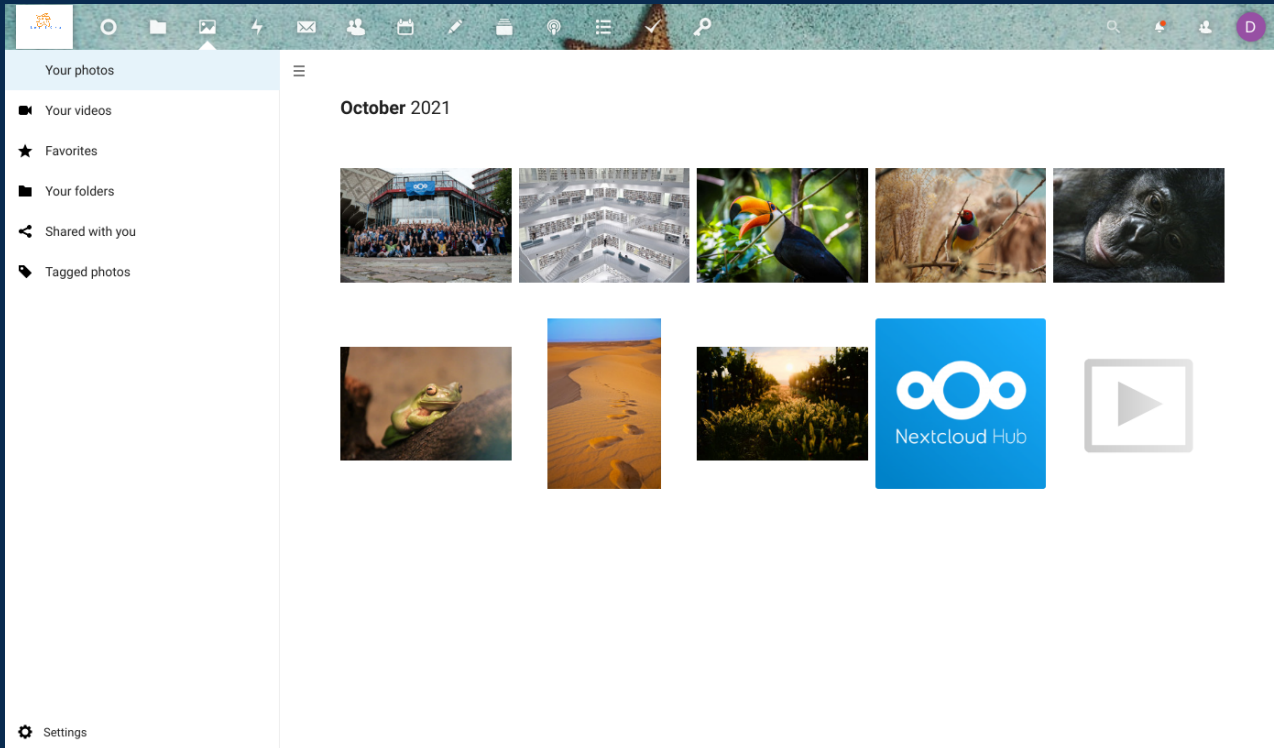
[Create a new event](#)

[Customize](#)

Photos and videos

- Phone back ups
- Phone and desktop sync from cloud service

Nextcloud Photos



File sharing

- Send links to other people
- Require password if desired
- Expiration
- Upload only

Nextcloud Files

The screenshot displays the Nextcloud Files web interface. On the left is a sidebar with navigation options: All files, Recent, Favorites, Shares, Tags, Deleted files, 15.9 MB used, and Settings. The main area shows a file list with columns for Name, Size, and Modified. The list includes folders like Documents and Photos, and files such as Nextcloud.png, Nextcloud intro.mp4, Nextcloud Manual.pdf, and Reasons to use Nextcloud.pdf. A summary row at the bottom indicates '2 folders and 4 files' with a total size of '15.9 MB'.

<input type="checkbox"/>	Name	Size	Modified
<input type="checkbox"/>	Documents	391 KB	4 minutes ago
<input type="checkbox"/>	Photos	5.4 MB	4 minutes ago
<input type="checkbox"/>	Nextcloud.png	49 KB	4 minutes ago
<input type="checkbox"/>	Nextcloud intro.mp4	3.8 MB	4 minutes ago
<input type="checkbox"/>	Nextcloud Manual.pdf	5.5 MB	4 minutes ago
<input type="checkbox"/>	Reasons to use Nextcloud.pdf	773 KB	4 minutes ago
2 folders and 4 files			15.9 MB

Nextcloud Files - Sharing Options

The screenshot displays the Nextcloud Files interface. On the left, a file list is shown with columns for 'Size' and 'Modified'. The file 'Library.jpg' is highlighted, showing a size of 5.5 MB and a modification time of 4 hours ago. On the right, a sharing options menu is open, listing various sharing methods and permissions. The menu includes options like 'Share label', 'Allow editing', 'Hide download', 'Password protect', 'Set expiration date', 'Note to recipient', 'Unshare', and 'Add another link'. Below the menu, there are buttons for 'Share link', 'Others with access', 'Internal link', and 'Add to a project'.

	Size	Modified
Library.jpg	391 KB	4 hours ago
	5.4 MB	4 hours ago
	49 KB	4 hours ago
	3.8 MB	4 hours ago
	5.5 MB	4 hours ago
	773 KB	4 hours ago
	15.9 MB	

- Share label
- Allow editing
- Hide download
- Password protect
- Set expiration date
- Note to recipient
- Unshare
- + Add another link

Share link

Others with access

Internal link
Only works for users with access to this file

Add to a project
Connect items to a project to make them easier to find

Phone syncing

- Photos and videos
 - InstantUpload
 - by year, month
 - move to NC
- Addressbook
- Notes
- Passwords
- Phone location

Shared document editing

- Collabora Online
 - document
 - spreadsheet
- Moodle

Nextcloud Webforms

Results Share link ☰

SeaGL 2021 Career Expo

Signup for resume reviews and career guidance sessions

Resume reviews and career guidance will be offered Friday, November 5th from 10:00 Pacific (18:00 UTC) to 17:00 Pacific (02:00 Pacific on Saturday morning) via half hour jitai sessions. Video is optional. It is possible to have sessions with multiple career counselors.

For resume reviews we would like to review those ahead of the appointment. Please include a link in the form to something we can access without needing to authenticate to a service or use the link we'll provide to upload it to our Nextcloud instance.

As counselors might want to make notes inline, we prefer formats we can edit (LibreOffice document (ODT) or plain text) or annotate (PDF).

We need either an email address, Matrix handle or an IRC nick in order to contact you. For IRC please join #SeaGL2021-career-exposeattmatrix.org in Matrix or #SeaGL2021-career-expo on Libera.chat for IRC.

Schedule times are for Seattle, which is Pacific Time (UTC -8) in the US.

Responses are connected to your Nextcloud account. An asterisk (*) indicates mandatory questions.

Name (how would you like us to address you?) * ...

People can enter a short answer

Please specify what pronouns we should use to address you ...

People can enter a short answer

[+ Add a question](#)

Video chat

- Nextcloud Talk
 - WebRTC

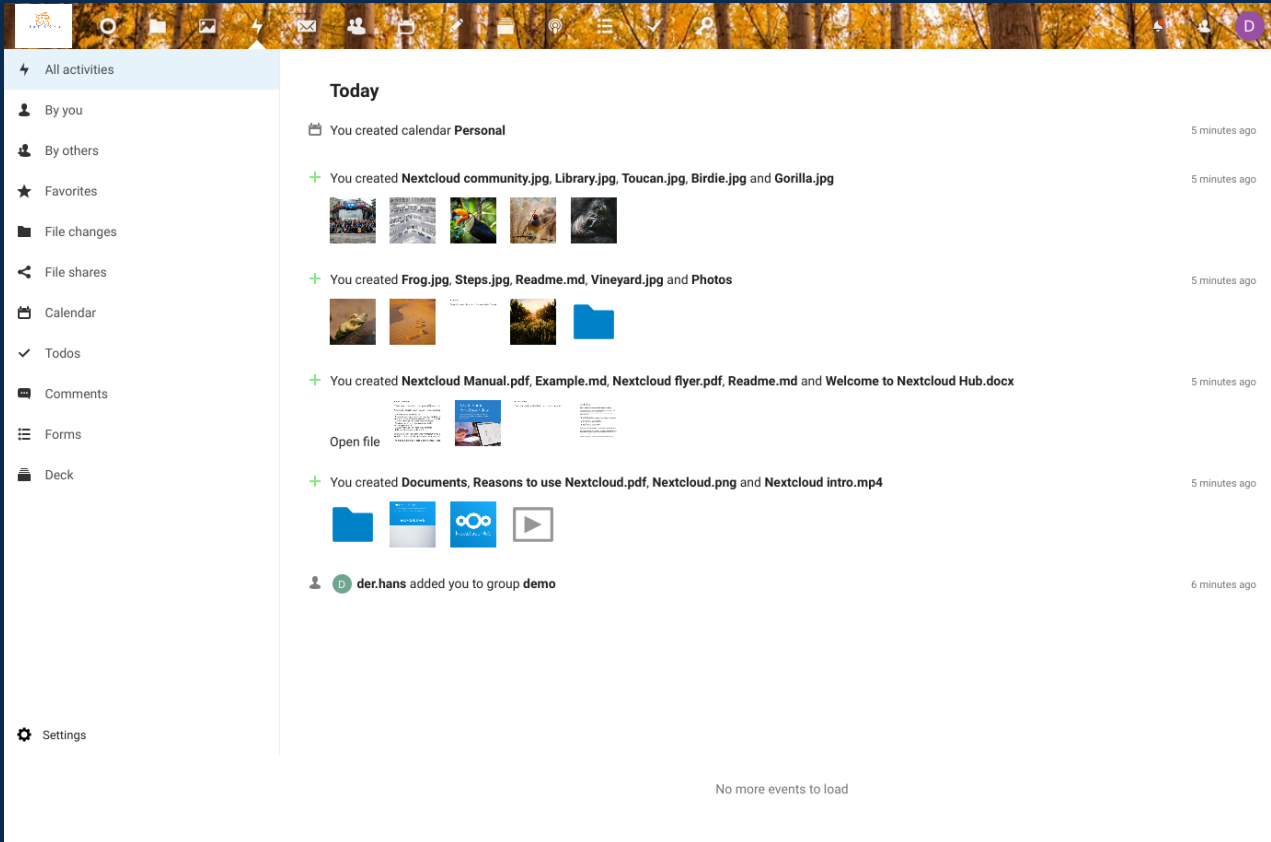
Privacy compliance

- GDPR - EU
- CCPa - Ca.US
- HIPAA - US





Your Data, Your Cloud



Nextcloud Activity



The screenshot displays the Nextcloud Activity interface. At the top, there is a navigation bar with various icons for home, search, and user profile. A left sidebar contains a menu with options: All activities (selected), By you, By others, Favorites, File changes, File shares, Calendar, Todos, Comments, Forms, Deck, and Settings. The main content area is titled "Today" and lists several activity events, each with a timestamp of "5 minutes ago" or "6 minutes ago".

- You created calendar **Personal**** (5 minutes ago)
- + You created **Nextcloud community.jpg, Library.jpg, Toucan.jpg, Birdie.jpg** and **Gorilla.jpg**** (5 minutes ago)

- + You created **Frog.jpg, Steps.jpg, Readme.md, Vineyard.jpg** and **Photos**** (5 minutes ago)

- + You created **Nextcloud Manual.pdf, Example.md, Nextcloud flyer.pdf, Readme.md** and **Welcome to Nextcloud Hub.docx**** (5 minutes ago)

Open file
- + You created **Documents, Reasons to use Nextcloud.pdf, Nextcloud.png** and **Nextcloud intro.mp4**** (5 minutes ago)

- der.hans added you to group **demo**** (6 minutes ago)

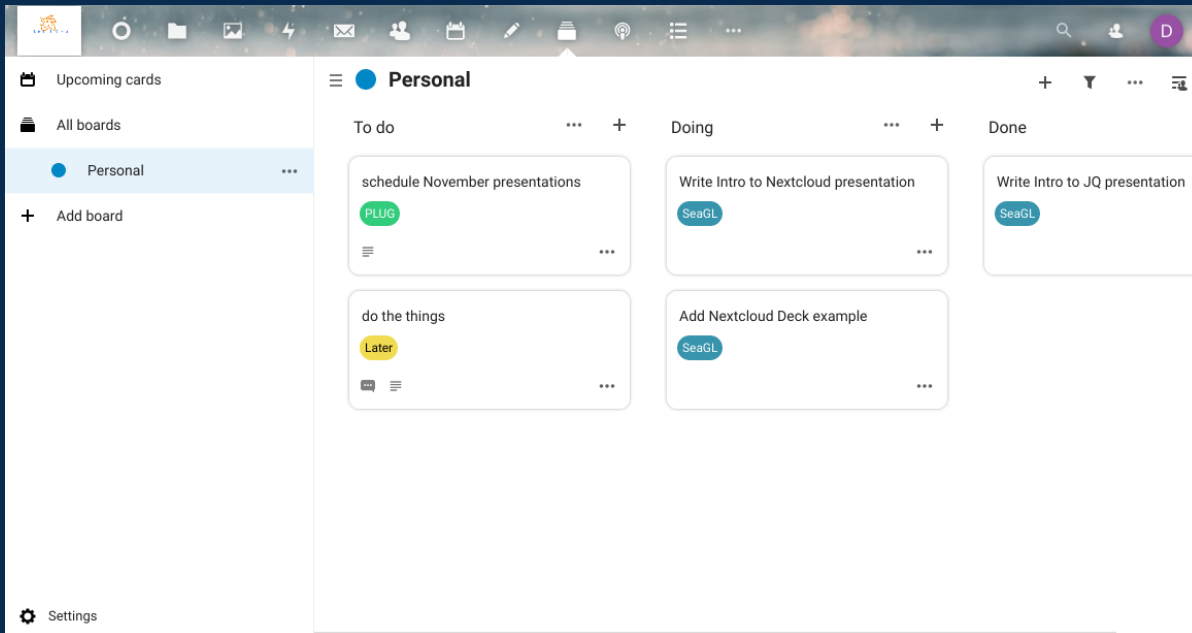
At the bottom of the activity list, it says "No more events to load".

Running

- Host your own
- Someone else's computers
- "Enterprise"

kanban

- project management



task list

The screenshot shows the Nextcloud Deck application interface. On the left is a sidebar with navigation options: 'All' (8 items), 'Current' (8 items), 'Personal', 'Deck: Personal' (3 items, selected), 'Add List...', and 'Settings'. The main area displays a task list with four sections: 'List : Doing' (containing 'Add Nextcloud Deck example' and 'Write Intro to Nextcloud presentation', both with 'SeaGL' tags), 'List : Done' (containing 'Write Intro to JQ presentation' with a 'SeaGL' tag), and 'List : To do' (containing 'do the things' with a 'Later' tag and 'schedule November presentations' with a 'PLUG' tag). Each task has a checkbox, a menu icon, and a star icon. A 'Load all completed tasks.' button is at the bottom of the list.

Task List:

- List : Doing
 - Add Nextcloud Deck example SeaGL
 - Write Intro to Nextcloud presentation SeaGL
- List : Done
 - Write Intro to JQ presentation SeaGL
- List : To do
 - do the things Later
 - schedule November presentations PLUG

Load all completed tasks.

Deck API

```
$ ncapibase='https://example.com/index.php/apps/'
$ deckapibase="$ncapibase/apps/deck/api/v1.0/"
$ alias ncdeckget='curl -s -u "user:randomstring" -H "OCS-APIRequest: true" -H "Accept: application/json" -XGET "$deckapibase/boards/7/stacks/21"'
```

```
$ ncdeckget | jq '.cards[] | {title,description}'
{
  "title": "Example Task 3",
  "description": "SeaGL example \n\n with multiple lines"
}
{
  "title": "do the things",
  "description": "do them, do them"
}
```

How Does It Stay Free?

- AGPL3
- Open Standards
- Business contracts

Drawbacks

- no file path links, just token links

Some History

- Started in Tübingen Germany
- became known as Owncloud
- forked to become Nextcloud
- Watch Frank Karlitschek's "Why I forked my own project and my own company" from SCaLE 17x

der.hans on Social Media / Fediverse

- FLOX_advocate on Mastodon
 - https://floss.social/@FLOX_advocate
- LuftHans on Libera.chat IRC
 - usually in #SeaGL, #PLUGaz and #LOPSA



Thank You

Credits and Resources

Credits

The Potion Contest - https://www.peppercarrot.com/en/webcomic/ep06_The-Potion-Contest.html

Resources

- Frank Karlitschek's "Why I forked my own project and my own company"
 - <https://www.socallinuxexpo.org/scale/17x/presentations/why-i-forked-my-own-project-and-my-own-company>
- Open IT Store - My Nextcloud host
 - <https://openitstore.com/>
- Nextcloud podcast
 - <https://nextcloud.com/podcast/>
- Jupiter Broadcasting's Self-Hosted podcast
 - <https://www.jupiterbroadcasting.com/show/self-hosted/>