GSoC 2017
My summer with GNOME and Nextcloud

Julius Härtl   @juliushaertl

Improving the cloud experience on the Linux desktop

Improving Nextcloud clients setup wizard

Registration API

DBus Cloud Provider API

Simplify setup process

What it was about

Provide easy first setup experience

Provide list of providers

Include registration in the wizard

Verbinden mit Nextcloud dev
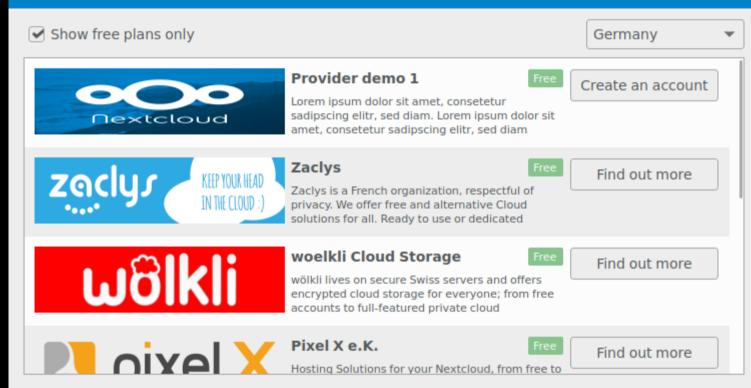
Nextcloud dev Server einrichten

Serveradresse

Don't have a Nextcloud server yet?

Search for a hosting provider   Run your own Nextcloud

Next >

Hosting providers
find a provider to create a new account

☑ Show free plans only

Germany ▾

Provider demo 1 Free Create an account

Lorem ipsum dolor sit amet, consetetur
sadipscing elitr, sed diam. Lorem ipsum dolor sit
amet, consetetur sadipscing elitr, sed diam

Zaclys Free Find out more

Zaclys is a French organization, respectful of
privacy. We offer free and alternative Cloud
solutions for all. Ready to use or dedicated

woelkli Cloud Storage Free Find out more

wölkli lives on secure Swiss servers and offers
encrypted cloud storage for everyone; from free
accounts to full-featured private cloud

Pixel X e.K. Free Find out more

Hosting Solutions for your Nextcloud, from free to

< Back   Next >

Hosting providers
find a provider to create a new account

Provider demo 1
Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam

Email   jus@bitgrid.net

Full name   Julius Härtl

Username   juliushaertl

Password   ●●●●●●

< Back   Create a new account

Registration API

Registration App

PoC implementation
together with the desktop client

POST /validate

POST /register

POST /status

Just a PoC for now

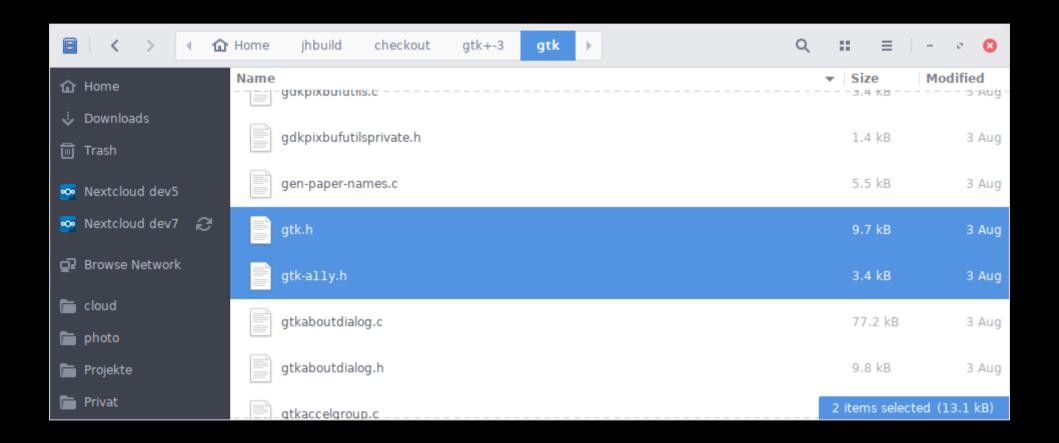Let's discuss this further at the conference
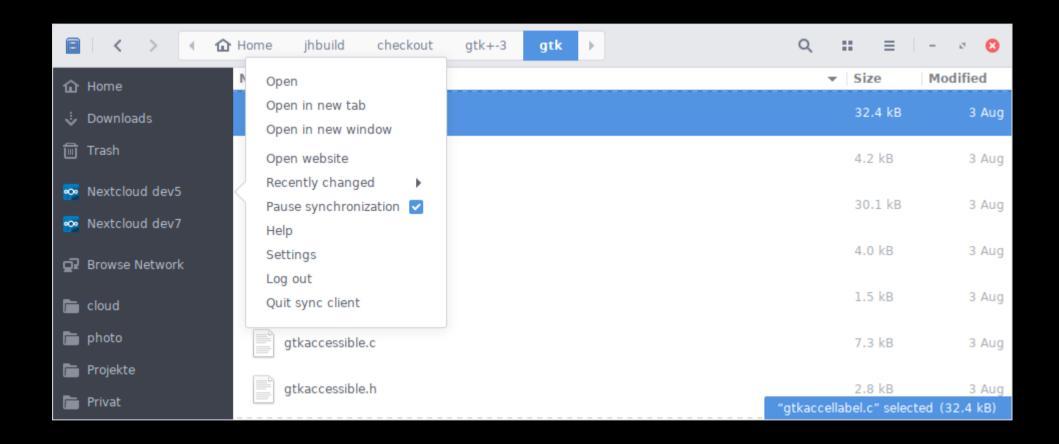
Cloud Provider
DBus API

Why this is needed

- Status icons are deprecated

- DE independent solution

- Move interaction to the file manager

What has been done

- Shared library with DBus API

- Server side implementation to show cloud providers in GtkPlacesSidebar

- Client side implementation in the Nextcloud client

Name	Size	Modified
gdkpixbufutils.c	3.4 kB	3 Aug
gdkpixbufutilsprivate.h	1.4 kB	3 Aug
gen-paper-names.c	5.5 kB	3 Aug
gtk.h	9.7 kB	3 Aug
gtk-a11y.h	3.4 kB	3 Aug
gtkaboutdialog.c	77.2 kB	3 Aug
gtkaboutdialog.h	9.8 kB	3 Aug
gtkaccelgroup.c		

2 items selected (13.1 kB)

Home

Downloads

Trash

Nextcloud dev5

Nextcloud dev7

Browse Network

cloud

photo

Projekte

Privat

		Size	Modified
Open		32.4 kB	3 Aug
Open in new tab			
Open in new window		4.2 kB	3 Aug
Open website			
Recently changed ▶		30.1 kB	3 Aug
Pause synchronization ☑			
Help		4.0 kB	3 Aug
Settings			
Log out		1.5 kB	3 Aug
Quit sync client			

Home

Downloads

Trash

Nextcloud dev5

Nextcloud dev7

Browse Network

cloud

photo

Projekte

Privat

gtkaccessible.c   7.3 kB   3 Aug

gtkaccessible.h   2.8 kB   3 Aug

"gtkaccellabel.c" selected (32.4 kB)

Name	Size	Modified
gtkaccellabel.c	32.4 kB	3 Aug
	4.2 kB	3 Aug
	30.1 kB	3 Aug
	4.0 kB	3 Aug
	1.5 kB	3 Aug
gtkaccessible.c	7.3 kB	3 Aug
gtkaccessible.h	2.8 kB	3 Aug

◀   Recently changed

gtk.h (Hochgeladen, 12:35)

gtkaboutdialog.h (Hochgeladen, 12:35)

gtkaccelgroup.c (Hochgeladen, 12:35)

gtkaboutdialog.c (Hochgeladen, 12:35)

gtkaccelgroup.h (Hochgeladen, 12:35)

gtkaccelgroupprivate.h (Hochgeladen, 12:35)

Home
Downloads
Trash
Nextcloud dev5
Nextcloud dev7
Browse Network
cloud
photo
Projekte
Privat

"gtkaccellabel.c" selected (32.4 kB)

Future

- GNOME will drop status icon support in the near future

- Other cloud sync apps

- Other DE/file managers

Thank you
GNOME & Nextcloud