



ubuntu^o
stand

Contributing to Open Source Projects

with Ubuntu, Nextcloud, and Collabora

By Monica Madon



Community Rep

CANONICAL

@communitetime



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Contributing to Open Source Projects

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By Marius Quabeck

Video Producer



Nextcloud

@MariusQuabeck





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Contributing to Open Source Projects

with Ubuntu, Nextcloud, and Collabora

By Pedro Silva

UX | Community



Collabora
Online

@PedroPS

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Collabora
Online



nextcloud



What is what

Nextcloud

- Enterprise file sync & share solution
- Mission: “We develop software for decentralized and federated clouds as alternative to centralized cloud services.”

Nextcloud Hub

- A new generation of online collaboration that puts you in control
- Share and collaborate on documents
- Send and receive email
- Manage your calendar and have video chats
- Fully on-premises solution

What is what

Collabora Online

- Powerful on-premise office suite, for both online and desktop solutions
- LibreOffice Technology [col.la/info21](https://collabora.com/col.la/info21)
- 10 years of experience. 90+ People. 230+ partners. 60 countries

[col.la/partners](https://collabora.com/col.la/partners)

Collabora Productivity

- Parent company: Collabora
- Our mission statement is to “Make open source rock”
- Provides you the powerful on-premise office suites, for both online and desktop solutions
- Access documents, author new content and work collaboratively.



Nextcloud Office

Collabora Online + Nextcloud

- This is not a fork (engineers from both sides working together)
- We have been working together for many years to provide CO within NC
- Build a great Collabora Office experience = Nextcloud Office
- Open Source spirit with partners = benefits upstream to everyone

What's to come

- Long term plan
- This is just the first step
- More steps to come towards a COOL Nextcloud experience





Get it on your Ubuntu

Appliances

- <http://ubuntu.com/blog/set-up-collabora-online-on-the-nextcloud-ubuntu-appliance>
- Also available for ARM, RPI
- <https://ubuntu.com/blog/canonical-collabora-nextcloud-deliver-work-from-home-solution-to-raspberry-pi-and-enterprise-arm>
- <https://nextcloud.com/blog/the-nextcloud-hub-ubuntu-appliance-now-available-for-raspberry-pi-4-and-more/>
- <https://www.collaboraoffice.com/online/canonical-collabora-nextcloud-deliver-solution-to-raspberry-pi-and-enterprise-arm-users/>
- <https://www.collaboraoffice.com/online/experience-collabora-online-on-your-intel-nuc-with-nextcloud-and-ubuntu/>

Also available

- From repositories
- Docker





Testing, Testing, One Two Three

Testing

Testing is one of the first ways many people join the Ubuntu Community! There are many ways to start as a tester – and you don't have to be a developer to test

Ways to Test

- Ubuntu Testing Weeks
- Individual Testing Calls
- Accessibility

Ubuntu Testing Weeks

- For flavours and stock Ubuntu
- Main Testing Week is for the Beta

Accessibility

- General Accessibility and Specific Applications – especially the new installer!
- To get involved, see the recent post on Discourse



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Ubuntu in Every Language

Translation and Localization

Ubuntu is used around the world! Our localization has been done by our talented and multi-lingual translators on a variety of platforms. Localization also involves checking and editing existing translations, to be sure they are the best they can be.

Where (Most!) Translations Live

[Launchpad](#)

Upstream Translations, like [GNOME](#)

How to Get Started

<https://wiki.ubuntu.com/Translations>

[Translators Mailing List](#)

ubuntu



Do You Have the Answers?

Ask Ubuntu

Ask Ubuntu is Ubuntu's home on Stack Exchange. This is probably the largest part of our community, and one of the main ways users seek support.

- Ask Ubuntu Website

Sign in and Start Answering

- Uses Ubuntu SSO
- Find Questions without Answers
- Here's popey with a helpful 'how-to' video!



Be An Everyday Advocate

Introduce Someone to Ubuntu

Do you have a friend, family member, spouse, classmate, etc., who's curious about Linux? Show them how easy – and empowering – it can be to use!

Show the Spirit of Ubuntu

Ubuntu is all about shared humanity. So in your interactions with others, be curious, supportive, and helpful – make our community a welcoming place to be!



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Contribute: Nextcloud



[Nextcloud.com/contribute](https://nextcloud.com/contribute)



Contribute: Collabora Online

Collabora Online

- [GitHub/CollaboraOnline/online](https://github.com/CollaboraOnline/online)
- Main repository
- C++, Javascript, Typescript, CSS

Collabora Online SDK Examples

- [GitHub/CollaboraOnline/collabora-online-sdk-examples](https://github.com/CollaboraOnline/collabora-online-sdk-examples)
- Learn from examples and share your own. Build around Collabora Online
- DOCS: sdk.collaboraonline.com

Community websites

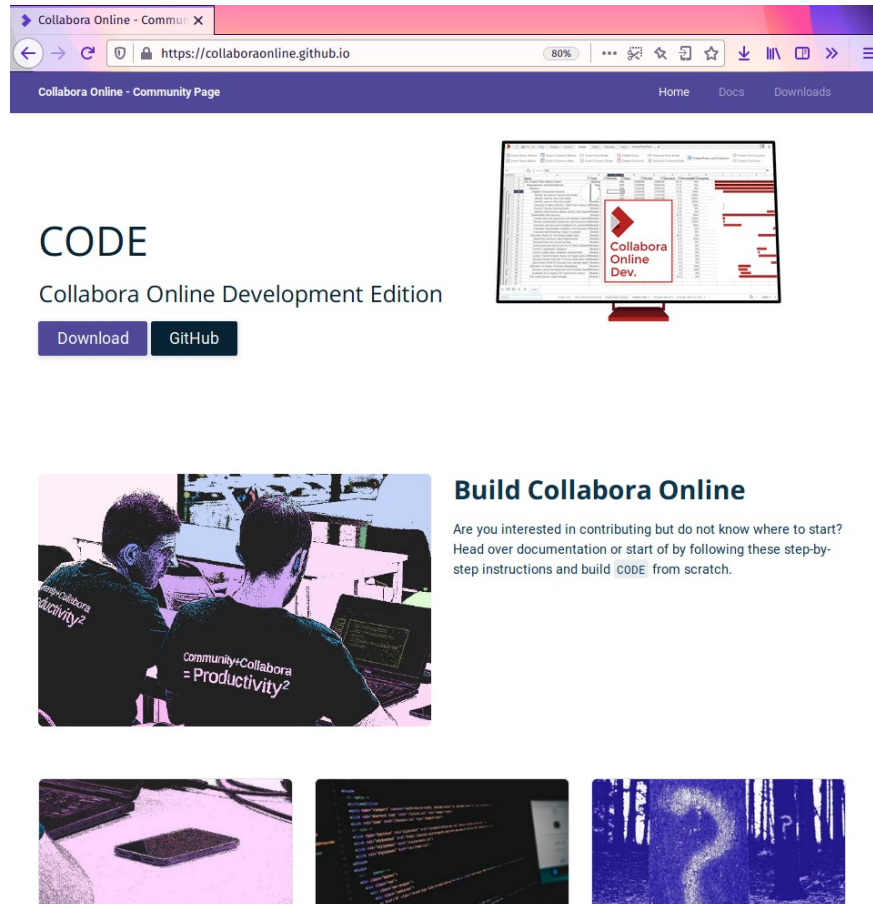
- [GitHub/CollaboraOnline/CollaboraOnline.github.io](https://github.com/CollaboraOnline/CollaboraOnline.github.io)
 - Help the others: Hugo, CSS, JS
- [Forum.CollaboraOnline.com](https://forum.collaboraonline.com)
 - Help the others: Answers
- Testing, Bug reporting and **translating**



Your guide to becoming a contributor

- [CollaboraOnline.github.io](https://collaboraonline.github.io): How to build, report, translate, meetings, etc.
- [GitHub/CollaboraOnline/online/blob/master/CONTRIBUTING.md](https://github.com/CollaboraOnline/online/blob/master/CONTRIBUTING.md) : Similar info also right from the main repository
- [Forum: Your-first-pull-request](https://forum.collaboraonline.com)

Main repository: 1st steps with a build



The screenshot shows the GitHub repository page for Collabora Online. The browser address bar displays `https://collaboraonline.github.io`. The page title is "Collabora Online - Community Page". The main content area features a "CODE" section for "Collabora Online Development Edition" with "Download" and "GitHub" buttons. Below this is a "Build Collabora Online" section with a sub-heading "Build Collabora Online" and a paragraph: "Are you interested in contributing but do not know where to start? Head over documentation or start of by following these step-by-step instructions and build `CODE` from scratch." The page also includes several images: a monitor displaying the Collabora Online Dev. logo, two people in a meeting, and three smaller images at the bottom showing a smartphone, a code editor, and a forest scene.

Head over to the community website

- Click in “Build Collabora Online”
- Choose your OS, e.g.: Ubuntu
- Follow the steps
- Also available instructions for
 - Android
 - IOS
- Don’t have your development environment? Do not want to go through the building steps?
 - No problem :)

 Open in Gitpod

SDK examples repository: 1st steps

PostMessage test harness

Run python InsertText.py script

Click [here](#) to insert the following text into the document:

Run Capitalize.py script

Click [here](#) to capitalize selected text in the document.

Various other messages to post

Modified Status: Saved

UI modification

Document frame

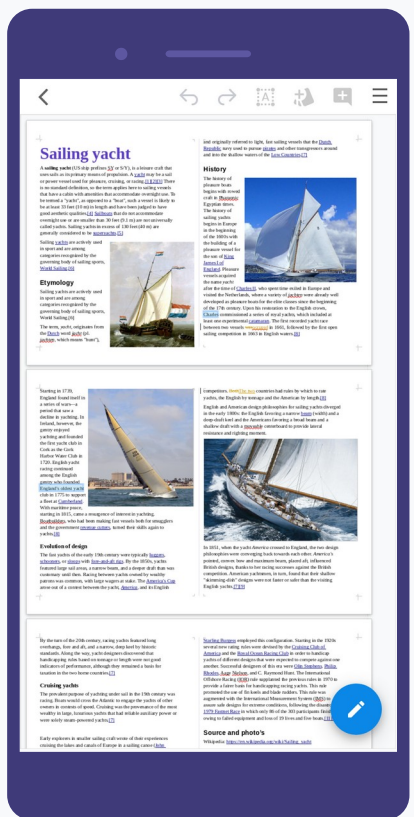
If the frame fails to load click [here and accept security bits](#)

If the frame still fails to load ensure you have localhost:* included in your net.frame_ancestors in coolwsd.xml



The world of postMessages :

- Collabora Online uses a WOPI-like protocol to interact with hosts who want to integrate Collabora Online in them
- Play with the available SDK examples
- Build your own SDK example and share with other
- Build your own app around Collabora Online
- Once you have Collabora Online built you can play with the generated framed.doc.html



col.la/code



Available Products

Collabora Online

Collabora Online is the powerful LibreOffice-based on-premise online office, that supports all major document, spreadsheet and presentation file formats and which you can integrate into your own infrastructure. It provides you with collaborative, WYSIWYG editing, a rich feature set, and excellent office file format support. That is provided as an online collaboration suite that you install, manage and upgrade on your own terms – giving you digital sovereignty over your documents.

Pedro
Mon, Sep 27, 2021
Good to place a nice header image with editable text so it doesn't depend on this section

Pedro
Mon, Sep 27, 2021
Easier to navigate between them and easier to use them to navigate the document

Collabora Office

Collabora Office is the enterprise office suite of LibreOffice with installation and administration utilities, long-term support and contracted support, to deliver successful deployments and migrations. Customers consider a local installed, professionally supported open source office suite, key to digital sovereignty.



Complete ecosystem

With Collabora, you can work on one device, then switch to another device and pick up where you left off. Collabora Office for Android and iOS is the mobile office suite of Collabora Office, which is based on LibreOffice, the world's most widely used open source office suite. [update image below]



Monica Madon | Marius Quabeck | Pedro Silva

Thanks!

