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# Kolibri

*Release 0.7*

**Aug 27, 2020**







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**Kolibri** is an open-source educational platform specially designed to provide offline access to a wide range of quality, openly licensed educational content in low-resource contexts like rural schools, refugee camps, orphanages, and also in non-formal school programs.

Kolibri can serve high quality education content from several publicly available **content channels**, collections of educational resources (exercises, videos, audio or document files) and associated metadata, prepared and organized for their use in Kolibri. It works in conjunction with [Kolibri Studio](#), the curriculum tool used to organize content and build custom content channels, aligned to the local curricula, or according to specific learning needs.



Fig. 1: Some publicly available learning content that may be included in Kolibri.







# CHAPTER 1

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## Learners - start here

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Whether you are using Kolibri at your school, in a training center or at home, learn how to *open* it on your device, what kind of *content and activities* can you work with, and how to submit *exams* created by your coaches or tutors.







## CHAPTER 2

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### For Coaches and Tutors

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Read how to *monitor activity* and *track the progress* of your learners on whole topics and exercises, all the way to single answer to a particular questions. Create and *manage different learner groups*, administer *exams* and view reports.







## CHAPTER 3

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### For Administrators and Superusers of Kolibri

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Begin by reading how to *install* and *start* Kolibri server on the supported platforms, and *configure other devices* in the local network to access its content. Proceed on how to *import content channels*, create and manage *users* and *classes*. Configure the *settings for your facility*, and assign or edit *permissions* for other users. Learn how to work with Kolibri from *the command line*, *troubleshoot network issues*, and ask for support on our *Community Forums*.

Happy learning with Kolibri!





## 3.1 Install Kolibri

**Warning:** Kolibri is not released yet, so these guides are *Work in Progress* !

To install **Kolibri**, check the system requirements first and then follow the procedure for the operating system on your device.

### 3.1.1 System requirements

#### Operating systems

##### Servers

- Windows
  - Supported: Vista, 7, 8, 10
  - **Not supported: Windows XP** cannot be used to install Kolibri server, but could potentially work as a client device if the browsers are *as up-to-date as possible*.
- MacOS: 10.6+ (install with *PEX*)
- Ubuntu: 14.04, 16.04 and up - anything that's *not* end-of-life
- Debian/Raspbian: Jessie or later
- Linux: Any system with Python 2.7
- **Android: not supported**
- **iOS: not supported**

##### Clients

- Windows: IE 11+, Chrome, Firefox
- MacOS: all browsers supported
- Linux: all browsers supported
- Android: 4.2+
- iOS: **Safari not supported**, Chrome & Firefox supported

##### Supported Browsers

- IE11+, Microsoft Edge
- Firefox
- Chrome
- *(planned)* Safari
- *(planned)* Epiphany on Raspberry Pi
- *(planned)* others on Android and iOS.



## Video playback

Videos are MP4 encoded, and require no additional installation of plugins or codecs.

## Hardware requirements

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**Tip:** Below you will find general recommendations regarding hardware requirements. To read more detailed information and find out examples of hardware setups that have been implemented by our partners and users, download the full [Kolibri Hardware Guide](#) and examples of [Hardware Configurations for Kolibri](#) (PDF documents).

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## Servers

Minimum hardware requirements to run Kolibri as a server:

- 500 MB RAM (1 GB recommended)
- 500 MHz CPU (1 GHz recommended)
- Hard drive space depends on the size of the content channels you intend to import from [Kolibri Studio](#) or a local storage device.

If you have a facility with less than 30 computers, a device as simple as a [Raspberry Pi](#) is known to work fine as a server.

## Clients

Very old desktops and very low-power computers can be used as client devices to access Kolibri. For instance, some deployments are known to use first-gen Raspberry Pi as desktop computers.

It is always a good idea to do a practical test, but when you want to deploy Kolibri, usually it's not necessary to scale your hardware. The main concern is that your system needs a video card and driver that can play the videos.

### 3.1.2 Windows

To install or uninstall Kolibri on Windows, follow these steps.

#### Install

1. Download the Kolibri [Windows installer](#).
2. Double-click the downloaded `.exe` file.
3. Select the language for the installation.
4. Follow the instructions in the installation wizard window.
5. Once the installation finishes, Kolibri will auto-start and open in the default browser on your computer.
6. Proceed with the [Initial Setup](#) of your facility.



**Warning:** Windows firewall will prompt you to allow the Python process needed to run Kolibri. Click **Allow access** to accept and proceed.

## Uninstall

1. Open the Windows Control Panel.
2. Select **Programs and Features** option.
3. Select Kolibri from the list of programs.
4. Click the button **Uninstall/Change** and follow the instructions.

## Upgrade

To upgrade Kolibri, follow these steps.

1. Download the new version of Kolibri [Windows installer](#).
2. Double-click the downloaded `.exe` file.
3. Follow the instructions in the installation wizard window.
4. Once the installation of the upgrade is finished, Kolibri will auto-start and open in the default browser on your computer.
5. Go explore the new and improved Kolibri features!

### 3.1.3 Debian/Ubuntu Linux

**Warning:** Beware that the final Linux `deb` installer is still Work-in-Progress, and that you may run into issues with the steps indicated below. Please report any problems with this installer on our [GitHub repository](#).

However, you can run Kolibri in Terminal using the package called `PEX`. Follow the same procedure as indicated for *macOS*.

## Install from PPA repository

1. Use the following commands in Terminal to add the PPA and install Kolibri.

```
sudo add-apt-repository ppa:learningequality/kolibri
sudo apt-get update
sudo apt-get install kolibri
```

## OR

1. Go to [Kolibri project page on Launchpad](#).
2. Click and select the latest source package. It doesn't matter which series, all binaries are the same, regardless of your architecture or Ubuntu/Debian version.
3. Scroll down to **Package files**.
4. Download the Kolibri installer (`DEB` file).



5. Run the command:

```
sudo dpkg -i kolibri-installer-filename.deb
```

5. Wait for the installation to finish and run this command to start Kolibri:

```
kolibri start
```

6. When command finishes, open the default browser at <http://127.0.0.1:8080> and proceed with the *Initial Setup* of your facility.

## Uninstall

- Open up **Software** on Ubuntu and locate the Kolibri. Press **Remove**.

OR

- Use `sudo apt-get remove <name of package>`. You need to know the exact name of the package you installed, most probably kolibri.

## Upgrade

TODO - Review

To upgrade Kolibri, follow these steps.

1. Download the new version of Kolibri.
2. Start the installer.
3. Once the installation of the upgrade is finished, Kolibri will auto-start and open in the default browser on your computer.
4. Go explore the new and improved Kolibri features!

### 3.1.4 MacOS

**Warning:** Full macOS installer is not yet available, but you can run Kolibri in Terminal using the package called PEX.

## Install

1. Download the [Kolibri PEX installer](#).
2. Open Terminal in the folder where PEX file is located and run the command:

```
chmod +x kolibri-installer-filename.pex  
./kolibri-installer-filename.pex start
```

1. Once the command finishes, open the default browser at <http://127.0.0.1:8080> and proceed with the *Initial Setup* of your facility.



## Uninstall

1. Delete the PEX file.
2. Delete the `./kolibri` folder in your user's Home directory if you want to completely remove all the Kolibri files and content channels you imported.

## Upgrade

To upgrade Kolibri, follow these steps.

1. Download the new version of [Kolibri PEX installer](#).
2. Start Kolibri as during the first install.
3. Go explore the new and improved Kolibri features!

### 3.1.5 Android

**Warning:** Final Android installer is not yet available!

## Install

1. Allow the installation of **Kolibri** on your Android device.

**Warning:** This beta version of **Kolibri** Android installer is not yet available on Play Store, and in order to install it, you need to change a security setting (these steps may be slightly different depending on the device model and Android version):

- a. Open your device's **Settings** app.
- b. Under **Personal**, tap **Security**.
- c. Under **Device administration**, tap **Unknown sources**.

2. Download the **Kolibri** [Android installer](#) (APK file).
3. Tap the downloaded `.apk` file.
4. Wait until the installation finishes.
5. Once you have **Kolibri** installed, tap **Open** and proceed with the *Initial Setup* of your facility.

**Warning:** Be mindful of the size of content channels that you import on your Android phone or tablet, as some of them can quickly fill your device's storage.

## Uninstall

1. Open your device's Settings app.
2. Under Apps, tap **Kolibri**.
3. Tap Uninstall button.



## Upgrade

To upgrade **Kolibri**, follow these steps.

1. Uninstall the previous version.
2. Download the new version of **Kolibri**.
3. Tap the downloaded .apk file.
4. Wait until the installation finishes.
5. Tap **Open** and go explore the new and improved **Kolibri** features!

### 3.1.6 Advanced installation options

**Warning:** Advanced installation options are in progress.

#### Generic installation (pip install)

Once Kolibri is released, you may install it as a standard package from PyPi using this command:

```
$ pip install kolibri --pre
```

#### Debian/Ubuntu: Subscribe to updates through a PPA

We maintain a [PPA on Launchpad](#) and if you are connected to the internet, this will also give you automatic updates.

On Ubuntu/Debian/Raspbian, do this:

```
sudo apt-get install software-properties-common python-software-properties
sudo add-apt-repository ppa:learningequality/kolibri
sudo apt-get update
sudo apt-get install kolibri
```

#### Raspberry Pi

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**Note:** This section is pending instructions for creating a WI-FI hotspot. You can install Kolibri on Raspbian following the above instructions for the PPA or the *pip install* method.

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#### Nginx configuration

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**Note:** This section is pending instructions for NGINX configuration. You can install Kolibri on Raspbian following the above instructions for the PPA or the *pip install* method. If you are an experienced system administrator or Django user, know that it is possible to use Kolibri with for instance UWSGI+Nginx, using conventional methods.

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### 3.1.7 Initial Setup

To do the initial setup of after the installation, follow these steps.

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**Note:** You need to do the initial setup only once, the first time you start Kolibri after the installation.

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1. **Select the default language for Kolibri.**

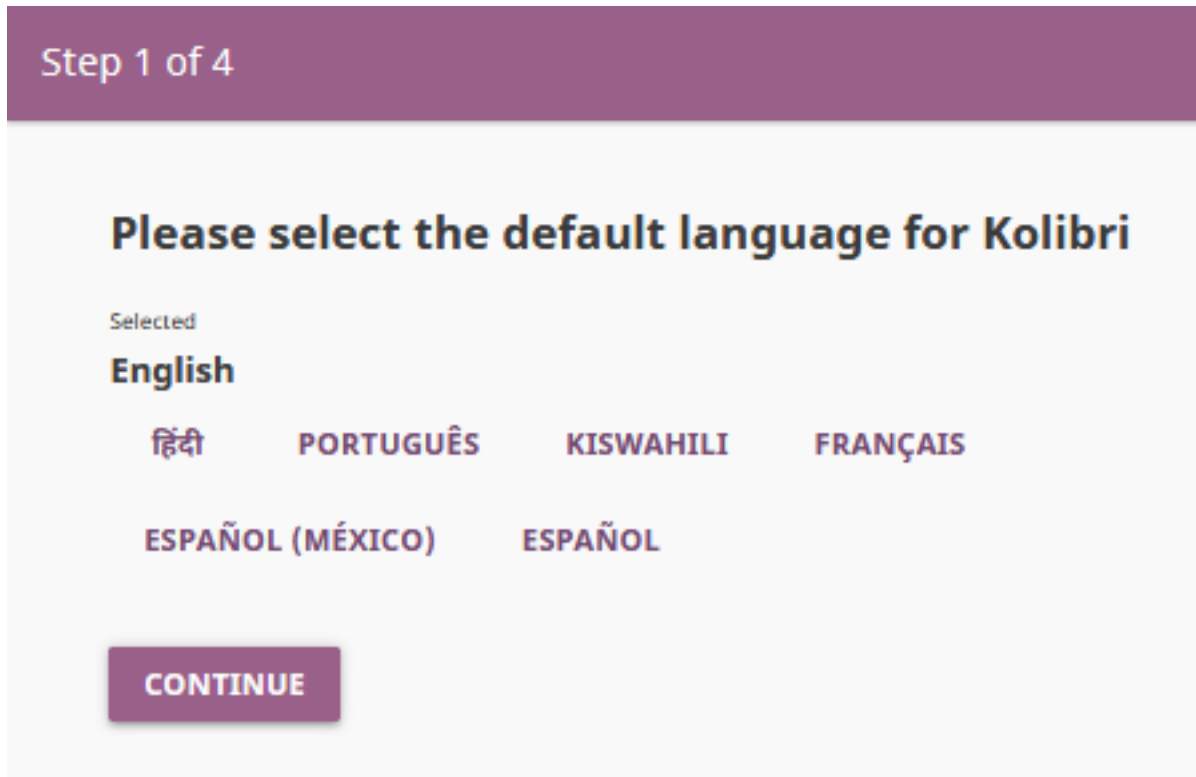


Fig. 2: Select the default Kolibri language.

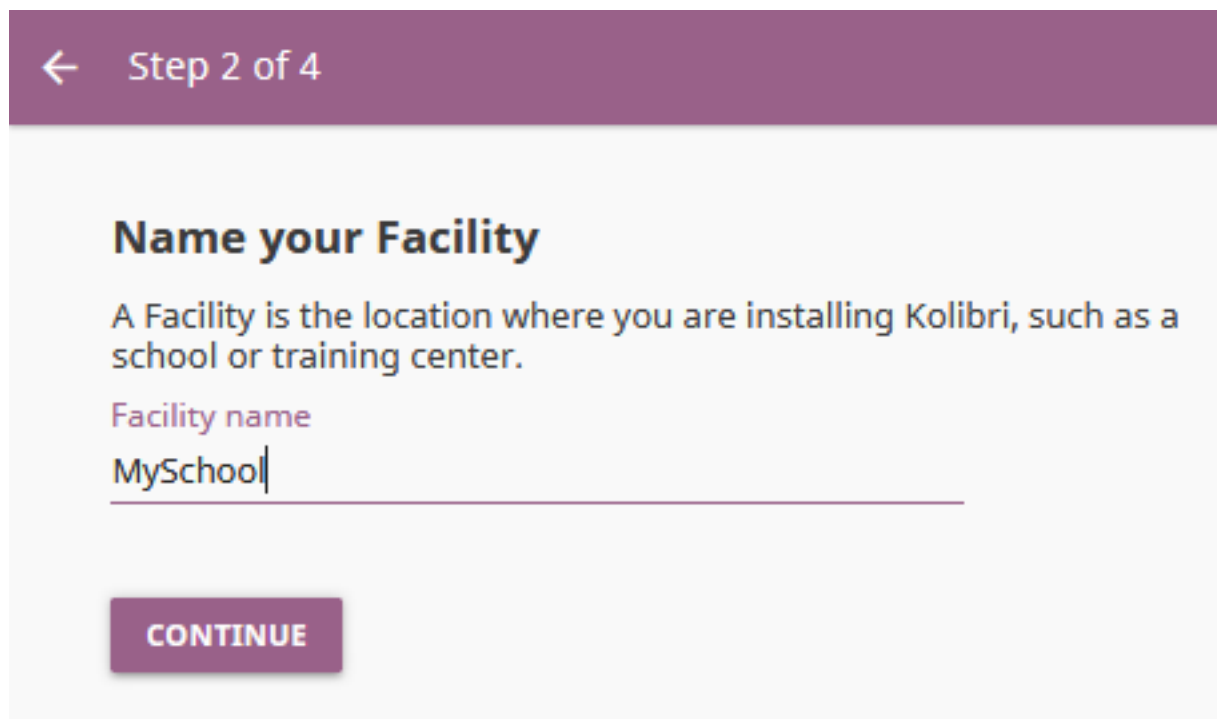
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**Tip:** You can *change the user interface language* later, from the user menu in the upper right corner.

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2. **Name your facility.** A Facility is the location where you installed Kolibri, such as a school or a training center.
3. **Create the Admin account.** This Admin user will be a **Super User** able to manage all the device content, and all the rest of the facility users and their permissions.
4. **Choose a Facility setup.** Click the **Setup details** for more information about user permissions for each setup type.





← Step 2 of 4

## Name your Facility

A Facility is the location where you are installing Kolibri, such as a school or training center.

Facility name

MySchool


CONTINUE

Fig. 3: Select the name for the facility where Kolibri is running.

| Facility type   | Users  |
|---|--|
| <b>Admin managed</b><br>For schools and other formal learning contexts.   | <ul style="list-style-type: none"> <li>• Admins must create all user accounts.</li> <li>• Users can sign in without password.</li> <li>• Users cannot edit their account information.</li> </ul> |
| <b>Self-managed</b><br>For parent-child learning, homeschooling or supplementary individual learning.   | <ul style="list-style-type: none"> <li>• Guests can create their own accounts.</li> <li>• Users can edit their account information.</li> </ul>   |
| <b>Informal and personal use</b><br>For libraries, orphanages, correctional facilities, youth centers, computer labs, and other non-formal learning contexts. | <ul style="list-style-type: none"> <li>• Guests can create their own accounts.</li> <li>• Users can edit their account information.</li> </ul>   |

Once you finish the initial setup, proceed to *import some content*, and *create users* (if you chose the Admin-managed facility setup). Make sure to check how to *configure other computers* in the network to access Kolibri.



 Step 3 of 4

## Create your Admin account

This account allows you to manage your Facility and content on this device.

Full name

Didi N.

Username

admin

Password

•••••


Enter password again

•••••

**CONTINUE**

Fig. 4: Select the username and password for the facility Super User.



 Step 4 of 4

## Choose a Facility setup

How will you be using Kolibri? You can customize these settings later.  
[Setup details](#)

☒ **Admin-managed**  
For schools and other formal learning contexts

☐ **Self-managed**  
For parent-child learning, homeschooling, or supplementary individual learning

☐ **Informal and personal use**  
For libraries, orphanages, correctional facilities, youth centers, computer labs, and other non-formal learning contexts

**FINISH**

Fig. 5: Choose a Facility setup.



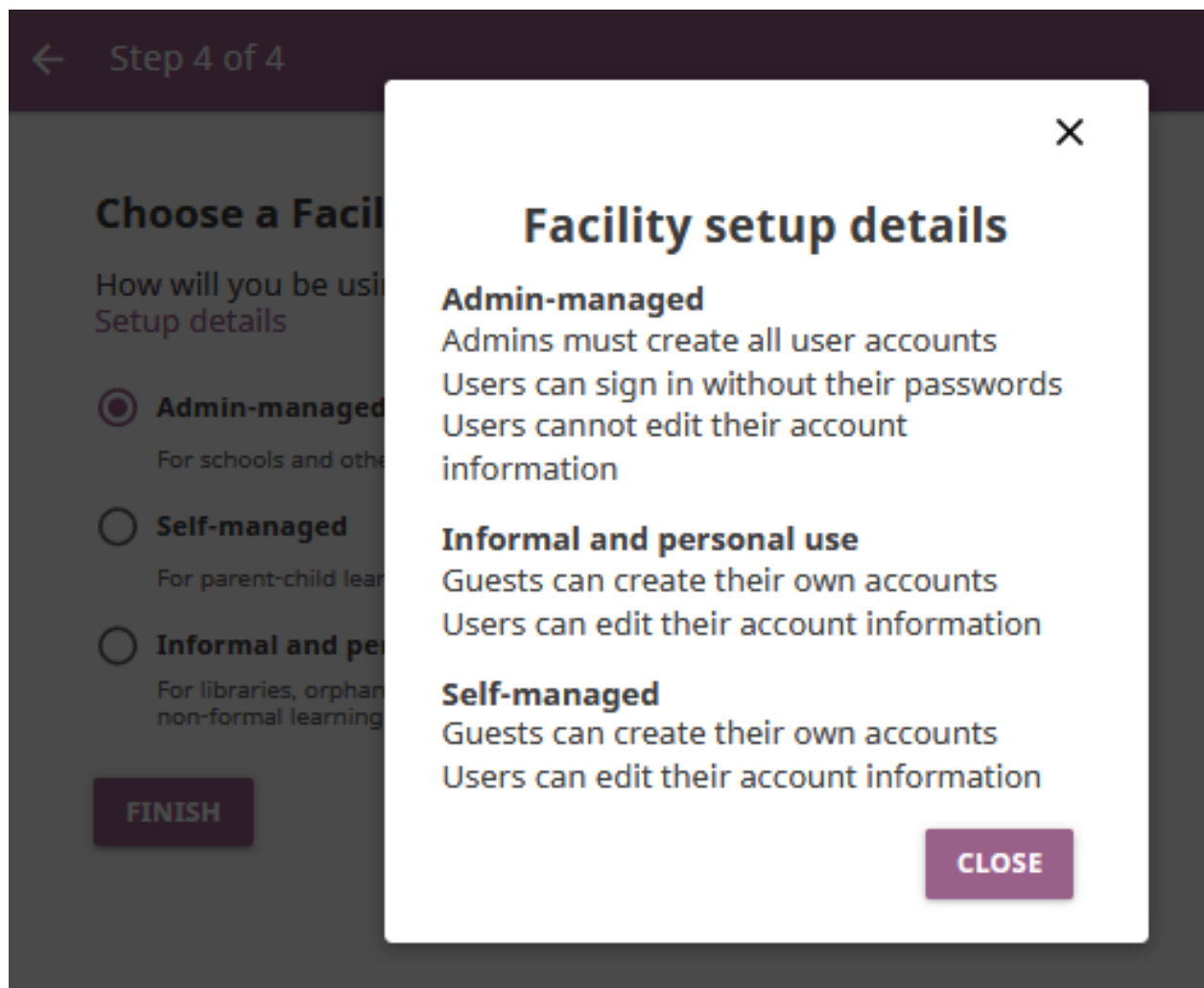


Fig. 6: View the Facility setup details.



### 3.1.8 Release Notes

Changes are ordered reverse-chronologically.

#### 0.7.2

- Fix issue with importing large channels on Windows

#### 0.7.1

- Improvements and fixes to installers including Windows & Debian
- Updated documentation

#### 0.7.0

- Completed RTL language support
- Languages: English, Spanish, Arabic, Farsi, Swahili, Urdu, and French
- Support for Python 3.6
- Split user and developer documentation
- Improved lost-connection and session timeout handling
- Added ‘device info’ administrator page
- Content search integration with Studio
- Granular content import and export

#### 0.6.2

- Consistent ordering of channels in learner views

#### 0.6.1

- Many mobile-friendly updates across the app
- Update French, Portuguese, and Swahili translations
- Upgraded Windows installer

#### 0.6.0

- Cross-channel searching and browsing
- Improved device onboarding experience
- Improved device permissions experience (deprecated ‘device owner’, added ‘superuser’ flag and import permission)
- Various channel import/export experience and stability improvements
- Responsive login page



- Dynamic language switching
- Work on integrated living style guide
- Added beta support for right-to-left languages
- Improved handling of locale codes
- Added support for frontend translation outside of Vue components
- Added an open-source ‘code of conduct’ for contributors
- By default run PEX file in foreground on MacOS
- Crypto optimizations from C extensions
- Deprecated support for HTML in translation strings
- Hide thumbnails from content ‘download’ button
- Automatic database backup during upgrades. #2365
- ... and many other updates and fixes

### 0.5.3

- Release timeout bug fix from 0.4.8

### 0.5.2

- Release bug fix from 0.4.7

### 0.5.1

- Python dependencies: Only bundle, do not install dependencies in system env #2299
- Beta Android support
- Fix ‘importchannel’ command #2082
- Small translation improvements for Spanish, French, Hindi, and Swahili

### 0.5.0

- Update all user logging related timestamps to a custom datetime field that includes timezone info
- Added daemon mode (system service) to run `kolibri start` in background (default!) #1548
- Implemented `kolibri stop` and `kolibri status` #1548
- Newly imported channels are given a ‘last\_updated’ timestamp
- Add progress annotation for topics, lazily loaded to increase page load performance
- Add API endpoint for getting number and total size of files in a channel
- Migrate all JS linting to prettier rather than eslint
- Merge `audio_mp3_render` and `video_mp4_render` plugins into one single `media_player` plugin
- `KOLIBRI_LISTEN_PORT` environment variable for specifying a default for the `-port` option #1724



#### **0.4.9**

- User experience improvements for session timeout

#### **0.4.8**

- Prevent session timeout if user is still active
- Fix exam completion timestamp bug
- Prevent exercise attempt logging crosstalk bug
- Update Hindi translations

#### **0.4.7**

- Fix bug that made updating existing Django models from the frontend impossible

#### **0.4.6**

- Fix various exam and progress tracking issues
- Add automatic sign-out when browser is closed
- Fix search issue
- Learner UI updates
- Updated Hindi translations

#### **0.4.5**

- Frontend and backend changes to increase performance of the Kolibri application under heavy load
- Fix bug in frontend simplified login code

#### **0.4.4**

- Fix for Python 3 compatibility in Whl, Windows and Pex builds #1797
- Adds Mexican Spanish as an interface language
- Upgrades django-q for bug fixes

#### **0.4.3**

- Speed improvements for content recommendation #1798

#### **0.4.2**

- Fixes for morango database migrations



### **0.4.1**

- Makes usernames for login case insensitive #1733
- Fixes various issues with exercise rendering #1757
- Removes wrong CLI usage instructions #1742

### **0.4.0**

- Class and group management
- Learner reports #1464
- Performance optimizations #1499
- Anonymous exercises fixed #1466
- Integrated Morango, to prep for data syncing (will require fresh database)
- Adds Simplified Login support as a configurable facility flag

### **0.3.3**

- Turns video captions on by default

### **0.3.2**

- Updated translations for Portuguese and Kiswahili in exercises.
- Updated Spanish translations

### **0.3.2**

- Portuguese and Kaswihili updates
- Windows fixes (mimetypes and modified time)
- VF sidebar translations

### **0.3.0**

- Add support for nested URL structures in API Resource layer
- Add Spanish and Swahili translations
- Improve pipeline for translating plugins
- Add search back in
- Content Renderers use explicit new API rather than event-based loading



## 0.2.0

- Add authentication for tasks API
- Temporarily remove 'search' functionality
- Rename 'Learn/Explore' to 'Recommended/Topics'
- Add JS-based 'responsive mixin' as alternative to media queries
- Replace jeet grids with pure.css grids
- Begin using some keen-ui components
- Update primary layout and navigation
- New log-in page
- User sign-up and profile-editing functionality
- Versioning based on git tags
- Client heartbeat for usage tracking
- Allow plugins to override core components
- Wrap all user-facing strings for I18N
- Log filtering based on users and collections
- Improved docs
- Pin dependencies with Yarn
- ES2015 transpilation now Babel instead of Babel
- Webpack build process compatible with plugins outside the kolibri directory
- Vue2 refactor
- HTML5 app renderer

## 0.1.1

- SVG inlining
- Exercise completion visualization
- Perseus exercise renderer
- Coach reports

## 0.1.0 - MVP

- Improved documentation
- Conditional (cancelable) JS promises
- Asset bundling performance improvements
- Endpoint indexing into zip files
- Case-insensitive usernames
- Make plugins more self-contained



- Client-side router bug fixes
- Resource layer smart cache busting
- Loading ‘spinner’
- Make modals accessible
- Fuzzy searching
- Usage data export
- Drive enumeration
- Content interaction logging
- I18N string extraction
- Channel switching bug fixes
- Modal popups
- A11Y updates
- Tab focus highlights
- Learn app styling changes
- User management UI
- Task management
- Content import/export
- Session state and login widget
- Channel switching
- Setup wizard plugin
- Documentation updates
- Content downloading

### **0.0.1 - MMVP**

- Page titles
- Javascript logging module
- Responsiveness updates
- A11Y updates
- Cherrypy server
- Vuex integration
- Stylus/Jeet-based grids
- Support for multiple content DBs
- API resource retrieval and caching
- Content recommendation endpoints
- Client-side routing
- Content search



- Video, Document, and MP3 content renderers
- Initial VueIntl integration
- User management API
- Vue.js integration
- Learn app and content browsing
- Content endpoints
- Automatic inclusion of requirements in a static build
- Django JS Reverse with urls representation in kolibriGlobal object
- Python plugin API with hooks
- Webpack build pipeline, including linting
- Authentication, authorization, permissions
- Users, Collections, and Roles

## 3.2 Access Kolibri

### 3.2.1 Starting Kolibri on Windows

To start **Kolibri** on Windows, just double-click the desktop shortcut. You will see the notification message *Kolibri is starting, please wait...*

When you see the notification *Kolibri is running...*, **Kolibri** will open in the browser with the URL `http://127.0.0.1:8080`.

#### Kolibri Taskbar Options

While it is running, **Kolibri** will display an icon in the Windows taskbar (usually at bottom right, near the clock), that allows you to stop it and configure other settings.

- Use the **Load in browser** option to open Kolibri in the browser.
- By default **Kolibri** will start running every time you start the computer where it is installed. Uncheck the **Run Kolibri at system startup** option if you prefer to start it manually from the desktop shortcut.
- When installed, **Kolibri** will open in the browser every time it is started. Uncheck the option **Open browser when Kolibri starts** if you prefer to have it running in the background, and to open it manually in the browser by typing the URL `http://127.0.0.1:8080` in the address bar.
- Select **Exit** to stop **Kolibri**. You will be prompted to confirm the selection, after which **Kolibri** will stop. You will have to close the browser (or the tab) manually.

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**Note:** Remember to *configure other computers* in the network to access **Kolibri** content.

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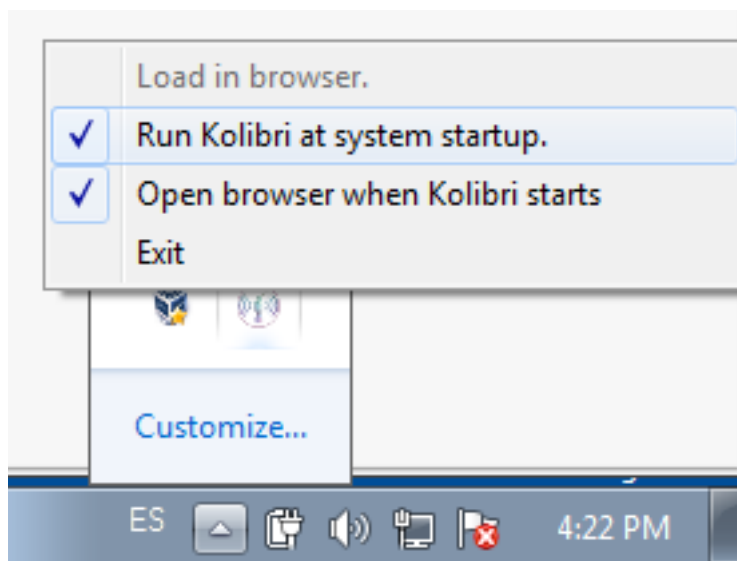


Fig. 7: Kolibri taskbar options.

### 3.2.2 Starting Kolibri on Linux

**Warning:** Final **Kolibri** installer for Linux and OSX is not released yet, so these steps are *Work in Progress!*

1. Run this command in Terminal to start Kolibri:

```
kolibri start
```

2. Open the default browser at <http://127.0.0.1:8080> displaying the **Kolibri** start page.

**Note:** Remember to *configure other computers* in the network to access **Kolibri** content.

3. Run this command in Terminal to stop Kolibri:

```
kolibri stop
```

### 3.2.3 Starting Kolibri on Android

**Warning:** Final **Kolibri** installer for Android is not released yet, support is *experimental!*

Go to **Apps** on your device and tap the **Kolibri** icon.

### 3.2.4 Accessing Kolibri from Other Devices in the Network

While **Kolibri** is up and running on the device where you installed it, other computers, tablets, even mobile phones in the same **Local Area Network (LAN)** can access its learning contents.



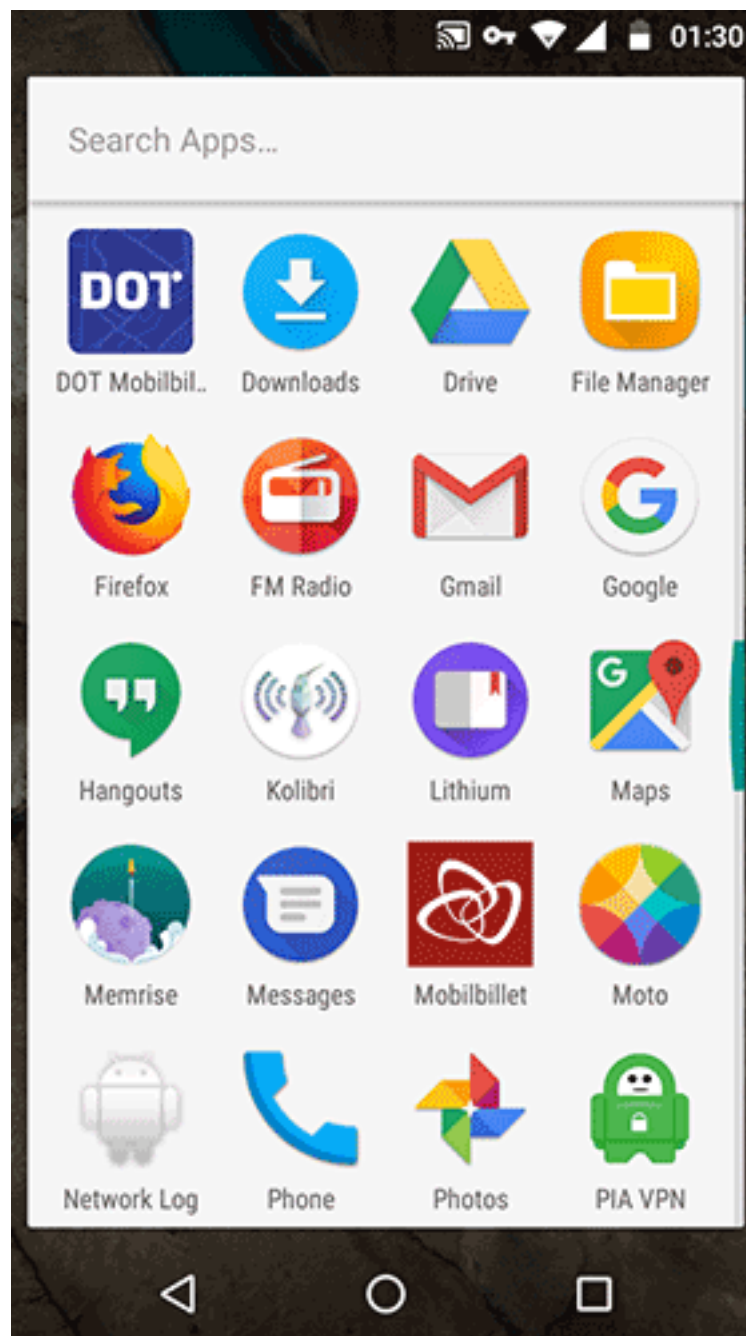


Fig. 8: Tap the Kolibri icon among your device apps to start.



- To access the content on the same device/computer where **Kolibri** is running, open the browser at the address `http://127.0.0.1:8080/`.
- To access the content from other devices in the same network, you need to know the IP address of one where where **Kolibri** is running. For example, if **Kolibri** is on a device/computer with IP address **192.168.0.104**, you can access it from others in the same network by opening the browser and typing the address `http://192.168.0.104:8080`.
- You can check the IP (**Server URL**) of the device where Kolibri is running by going to **Info** tab in the **Device** dashboard, .

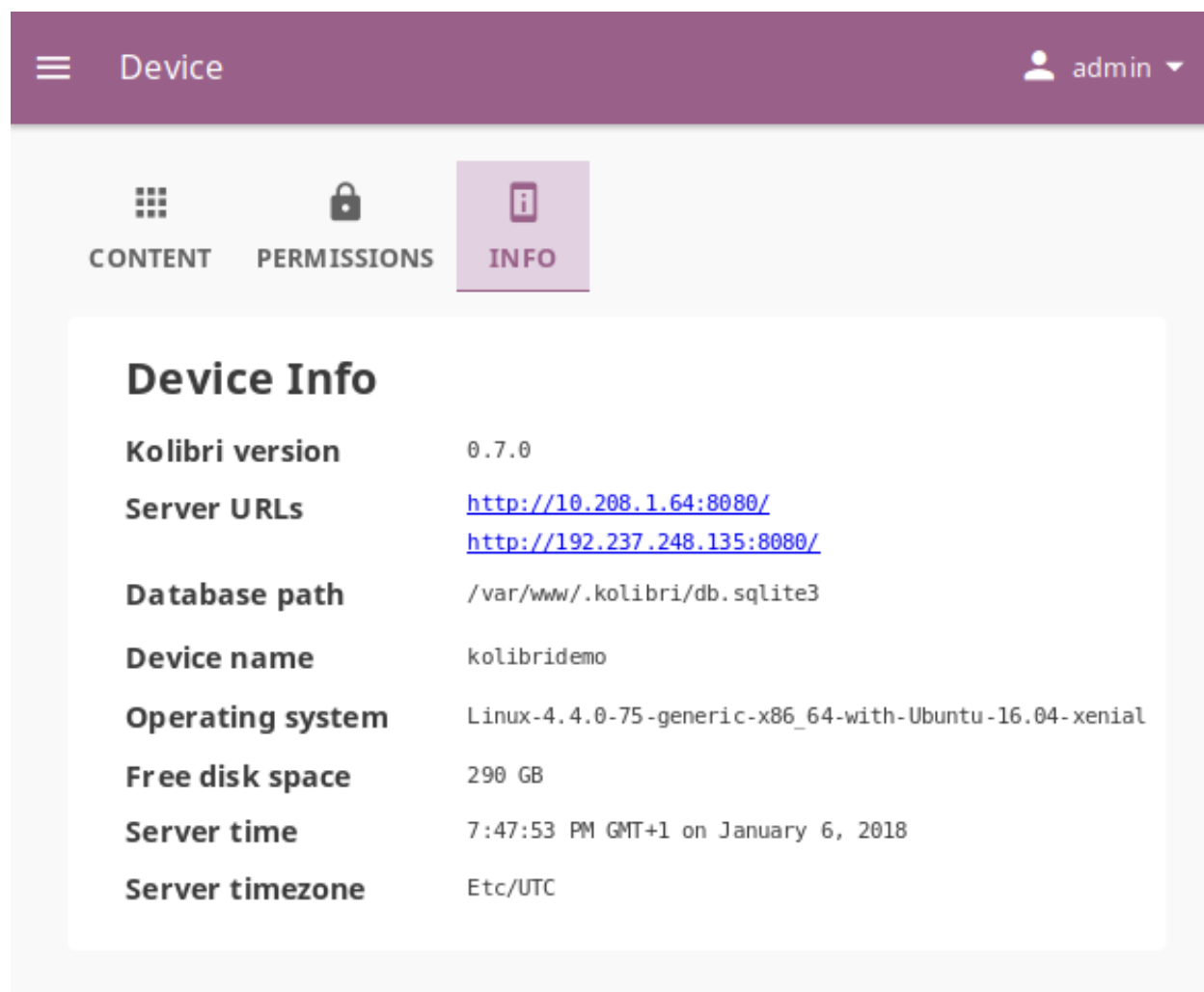


Fig. 9: Find out the IP/Server URL in the Device > Info tab.

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**Tip:** You can also use the `ipconfig` command on Windows or `ifconfig` command on Linux/OSX to find out the IP address of the device running the **Kolibri**.

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### 3.2.5 Change Language

To change language in which **Kolibri** user interface is displayed, follow these steps.



1. Open your user menu in the upper right corner.
2. Select the **Change language** option.
3. Choose the desired language.
4. Click **Select** to confirm.

## 3.3 Manage Kolibri

### 3.3.1 Default User Roles

Kolibri users by default can be divided in 3 different roles with respective access to features.

| Default user roles  |
|---|
| <b>Learners can:</b> <ul style="list-style-type: none"> <li>• View content and have their progress tracked</li> </ul>   |
| <b>Coaches can:</b> <ul style="list-style-type: none"> <li>• View content and have their progress tracked</li> <li>• View <i>Coach</i> dashboard and track progress of other users and usage stats for individual exercises</li> <li>• Create/Edit/Delete <i>Groups</i> in <i>Classes</i> and add users to them</li> <li>• Create/Edit/Delete <i>Exams</i> and assign them to users</li> </ul>  |
| <b>Admins can:</b> <ul style="list-style-type: none"> <li>• View content and have their progress tracked</li> <li>• View <i>Coach</i> dashboard and track progress of other users and usage stats for individual exercises</li> <li>• Create/Edit/Delete other <b>Admins</b>, <b>Coaches</b>, and <b>Learners</b></li> <li>• Create/Edit/Delete <i>Groups</i> in <i>Classes</i> and add users to them</li> <li>• Create/Edit/Delete <i>Classes</i> and enroll users in them</li> <li>• View/Edit <i>Facility configuration</i> settings</li> <li>• Export <i>Detail</i> and <i>Summary</i> logs usage data</li> </ul> |

### Kolibri Super Users

Kolibri **Super users** have all device permissions and are able to *assign them to other users*. Therefore **Super users** can:

|  |
|--|
| <ul style="list-style-type: none"> <li>• View content and have their progress tracked</li> <li>• View <i>Coach</i> dashboard and track progress of other users and usage stats for individual exercises</li> <li>• Create/Edit/Delete other <b>Admins</b>, <b>Coaches</b>, and <b>Learners</b></li> <li>• Create/Edit/Delete <i>Groups</i> in <i>Classes</i> and add users to them</li> <li>• Create/Edit/Delete <i>Classes</i> and enroll users in them</li> <li>• View/Edit <i>Facility configuration</i> settings</li> <li>• Export <i>Detail</i> and <i>Summary</i> logs usage data</li> <li>• Import/Export <i>Content</i> channels</li> <li>• View/Edit <i>Permissions</i> of other users</li> </ul> |
|--|



## Assign Additional Permissions

By default, only **Super users** can view the **Device** dashboard, import/export **Content** channels in Kolibri, and modify **Permissions** for other users. However, depending on the needs of the institution, **Super users** can also *grant these permissions* to other users.

### 3.3.2 Manage Device

You can manage content and permissions, and view the detailed info of the device where Kolibri is running from the **Device** dashboard.

**Note:** To manage device settings you must have the appropriate permissions.

## Assign Permissions

You can assign additional permissions to Kolibri users which will provide them access to more features compared to their *user roles*. To manage permissions for Kolibri users, use the **Permission** tab in the **Device** dashboard ( icon).

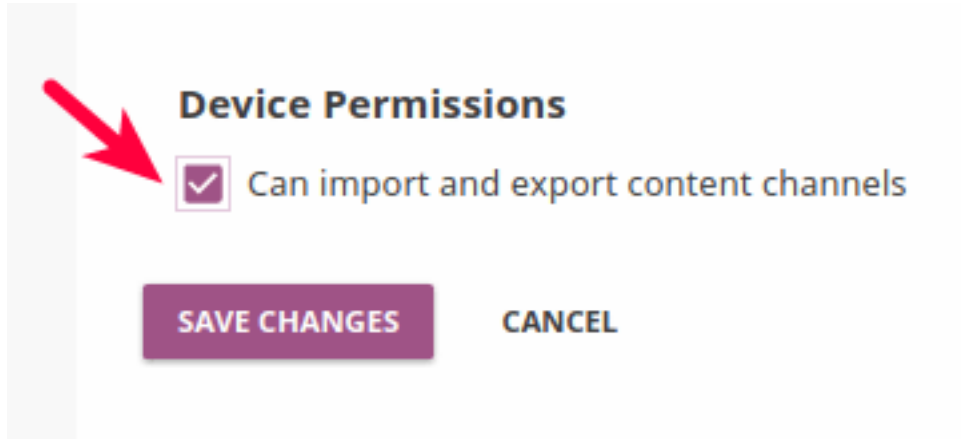
| Full Name     | Username |                         |
|---------------|----------|-------------------------|
| Didi N. (You) | admin    | <b>VIEW PERMISSIONS</b> |
| Carol H.      | carolh   | <b>EDIT PERMISSIONS</b> |
| John C.       | johnc    | <b>EDIT PERMISSIONS</b> |
| Marc G.       | marcg    | <b>EDIT PERMISSIONS</b> |
| Neela R.      | neelar   | <b>EDIT PERMISSIONS</b> |



### Permission to Manage Content

To grant permission to manage content channels in Kolibri to another user, follow these steps.

1. Click **Edit permissions** for the chosen user.
2. Under **Device Permissions** activate the option *Can import and export content channels*.
3. Click **Save changes** to apply and finish.




The users who have been granted the permissions to manage content channels will have a black key indicator in front of their name, and will be able to see the **Device** dashboard with the **Content** tab.

### Super User Permissions

To grant **Super user** permissions to another user, follow these steps.


1. Click **Edit permissions** for the chosen user.
2. Activate the option *Make superuser*.
3. Click **Save changes** to apply and finish.




 Neela R.

Neela R.

neelar

☒  Make superuser

 A superuser has all device permissions and is able to manage permissions of other users

Device Permissions

☒ Can import and export content channels

SAVE CHANGES

CANCEL



The users who have been granted the **Super user** permissions will have a yellow key indicator in front of their name, and will be able to see the **Device** dashboard with both the **Content** and **Permissions** tabs.



**Device Permissions**

Make changes to what users can manage on your device

Search for a user...

| Full Name     | Username |  |
|---------------|----------|--|
| Didi N. (You) | admin    |  <a href="#">VIEW PERMISSIONS</a>   |
| Carol H.      | carolh   | <a href="#">EDIT PERMISSIONS</a>   |
| John C.       | johnc    | <a href="#">EDIT PERMISSIONS</a>   |
| Marc G.       | marcg    | <a href="#">EDIT PERMISSIONS</a>   |
| Neela R.      | neelar   |  <a href="#">EDIT PERMISSIONS</a> |

### View Device Info

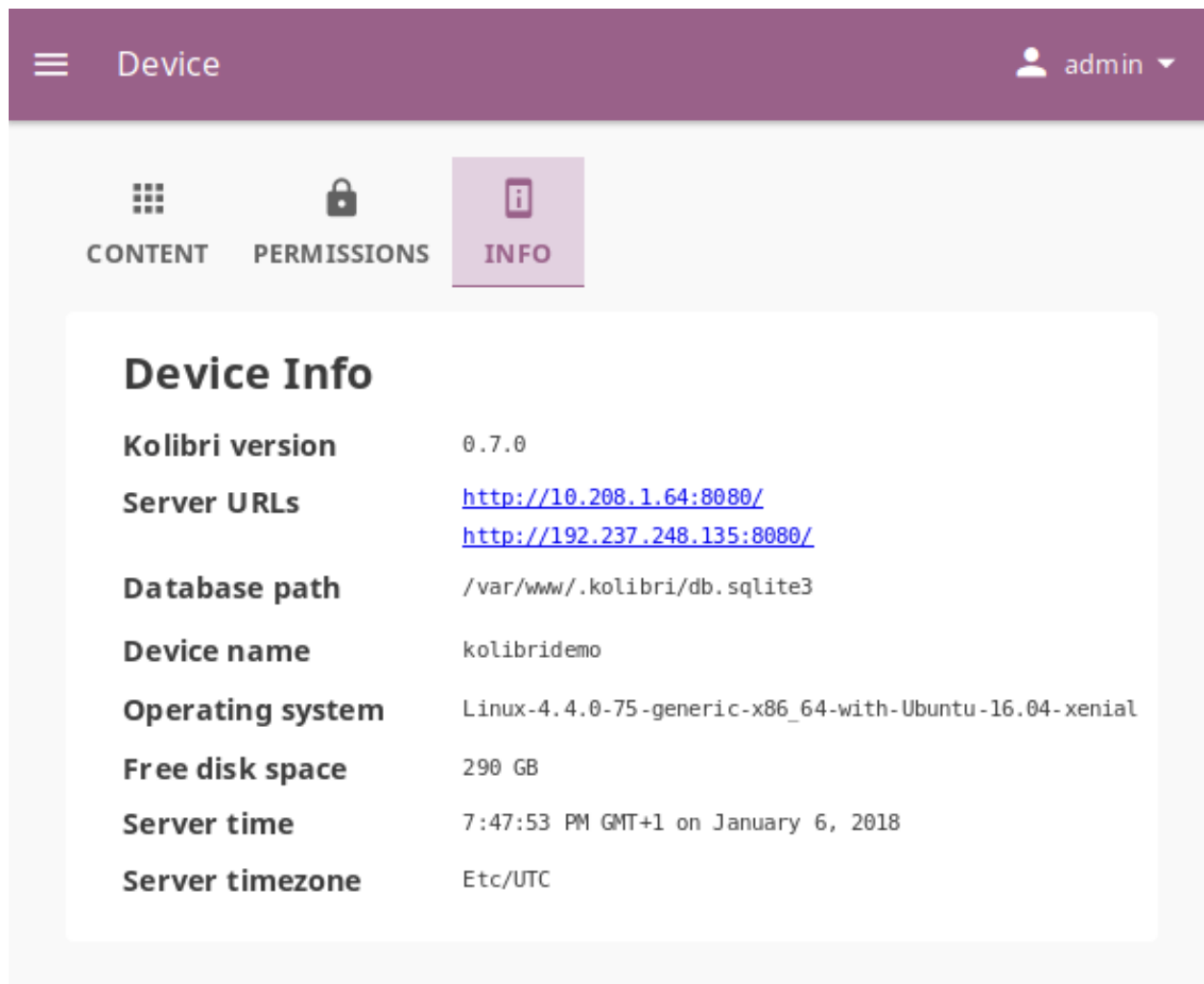
To view the detailed info of the device where Kolibri is running on, use the **Info** tab in the **Device** dashboard ( icon). This information will be useful in case you need to report an issue with Kolibri to FLE support team. Make note or copy the following device details:

- Kolibri version
- Server IP/URL(s)
- Database path
- Device name
- Operating system
- Free disk space
- Server time
- Server timezone

### 3.3.3 Manage Content

**Note:** To manage Kolibri content channels you must have the appropriate permissions.





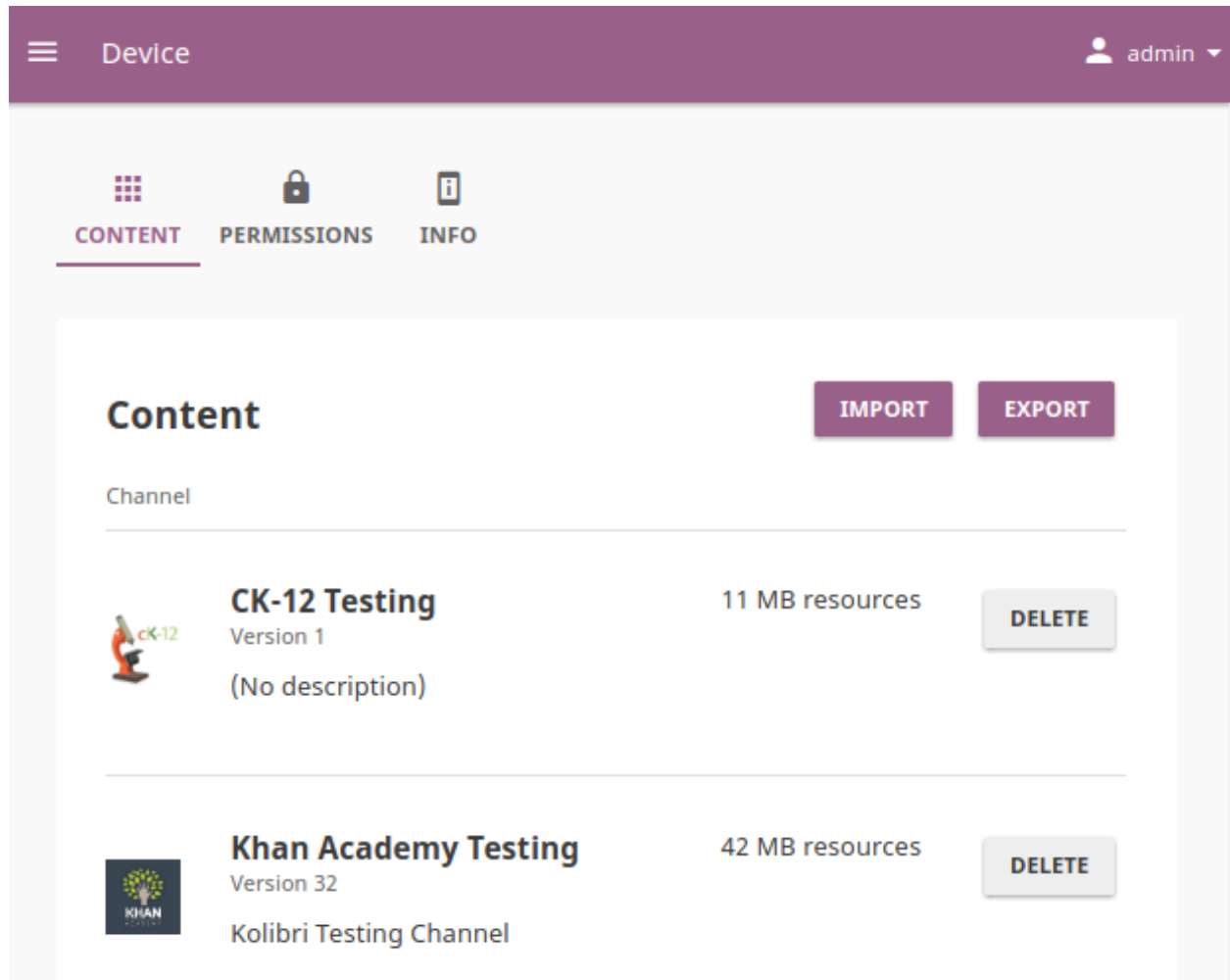
The screenshot shows the Kolibri web interface. At the top is a purple header bar containing a menu icon, the word "Device", and a user profile labeled "admin". Below the header are three tabs: "CONTENT", "PERMISSIONS", and "INFO". The "INFO" tab is selected and highlighted. The main content area displays "Device Info" with the following details:

|                         |  |
|-------------------------|--|
| <b>Kolibri version</b>  | 0.7.0  |
| <b>Server URLs</b>      | <a href="http://10.208.1.64:8080/">http://10.208.1.64:8080/</a><br><a href="http://192.237.248.135:8080/">http://192.237.248.135:8080/</a> |
| <b>Database path</b>    | /var/www/.kolibri/db.sqlite3   |
| <b>Device name</b>      | kolibridemo  |
| <b>Operating system</b> | Linux-4.4.0-75-generic-x86_64-with-Ubuntu-16.04-xenial   |
| <b>Free disk space</b>  | 290 GB   |
| <b>Server time</b>      | 7:47:53 PM GMT+1 on January 6, 2018  |
| <b>Server timezone</b>  | Etc/UTC  |

Fig. 10: Find out the detailed device info in the Device > Info tab.



Kolibri **Content Channel** is a collection of educational resources (video, audio or document files) prepared and organized by the content curator for their use in Kolibri. You can import and export content channels in Kolibri from the **Content** tab of the **Device** dashboard ( icon).



Each Kolibri content channel has its own **token/ID** in [Kolibri Studio](#). You can freely view and browse content to import from the **public** channels in Kolibri, but in order to import content from **private or unlisted** channels, you will need the **channel token or ID** from the content curator who assembled it.

**Warning:** The term **Channel ID** was valid for Kolibri versions up to 0.6, while from the Kolibri version 0.7 onward, we will start using exclusively the term **token** to uniquely designate each channel.

### Import Content into Kolibri

**Warning: Important:** You **cannot** import your own files (videos, documents, etc.) as learning resources directly into Kolibri from your computer. Kolibri can **only** import content from:

- already curated **content channels** on [Kolibri Studio](#), if the computer running Kolibri is connected to internet
- OR



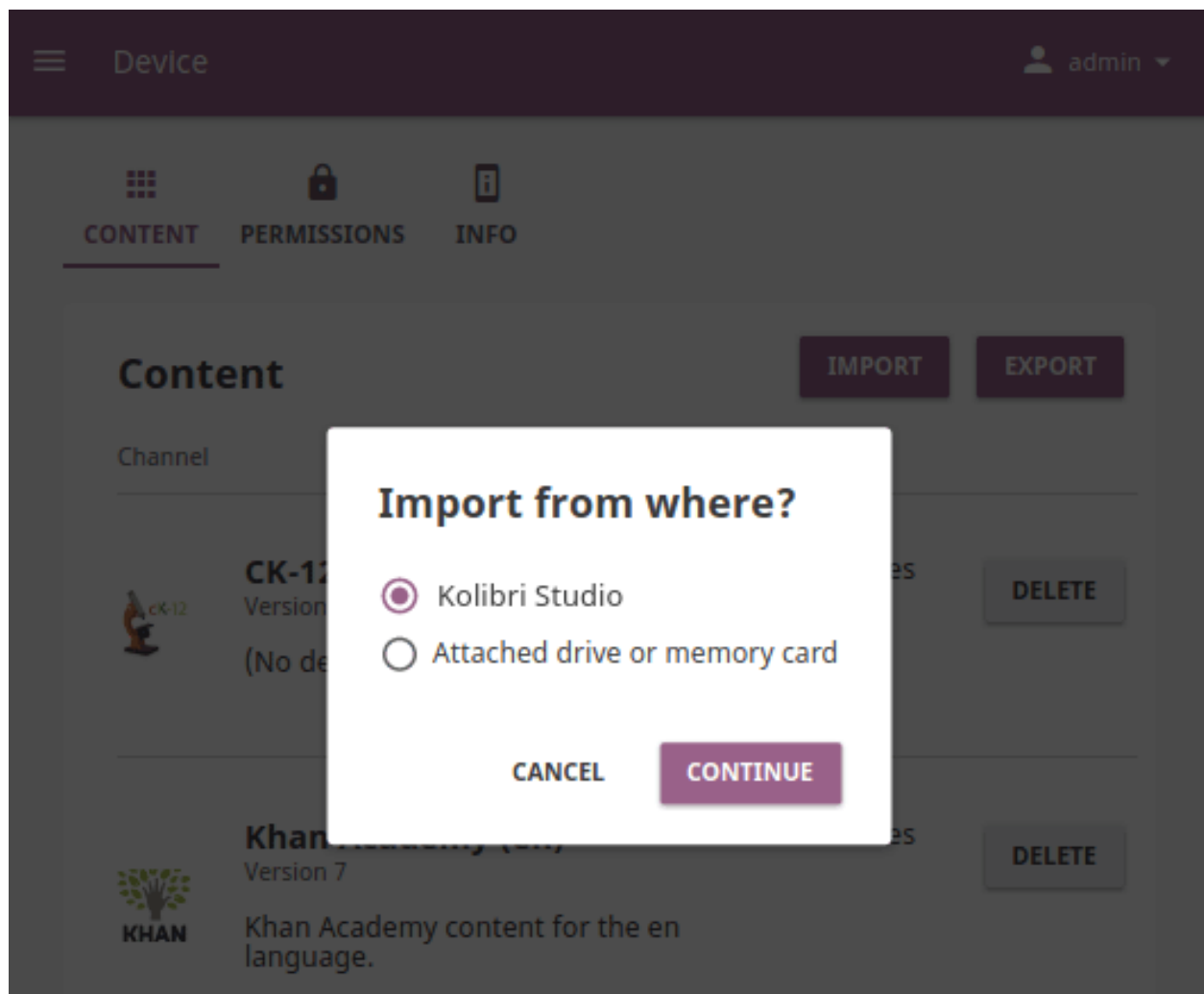
- an external storage drive (USB or hard drive) where content channels have been previously exported to from another Kolibri installation, if the computer running Kolibri is not connected to internet

**To import your own files for use in Kolibri**, you need to register at [Kolibri Studio](#) site (it's free), and build your own content channel that you can subsequently import into Kolibri. Read more about how to do this in our [Kolibri Studio user guide](#).

**Tip:** As a precaution, we recommend you avoid other interactions with Kolibri (navigate away or manage users, for example) while content import is in progress.

To import content into Kolibri, follow these steps.

1. Click **Import** button in the **Content** page.
2. Choose the source option: **Kolibri Studio** or **Attached drive or memory card**.

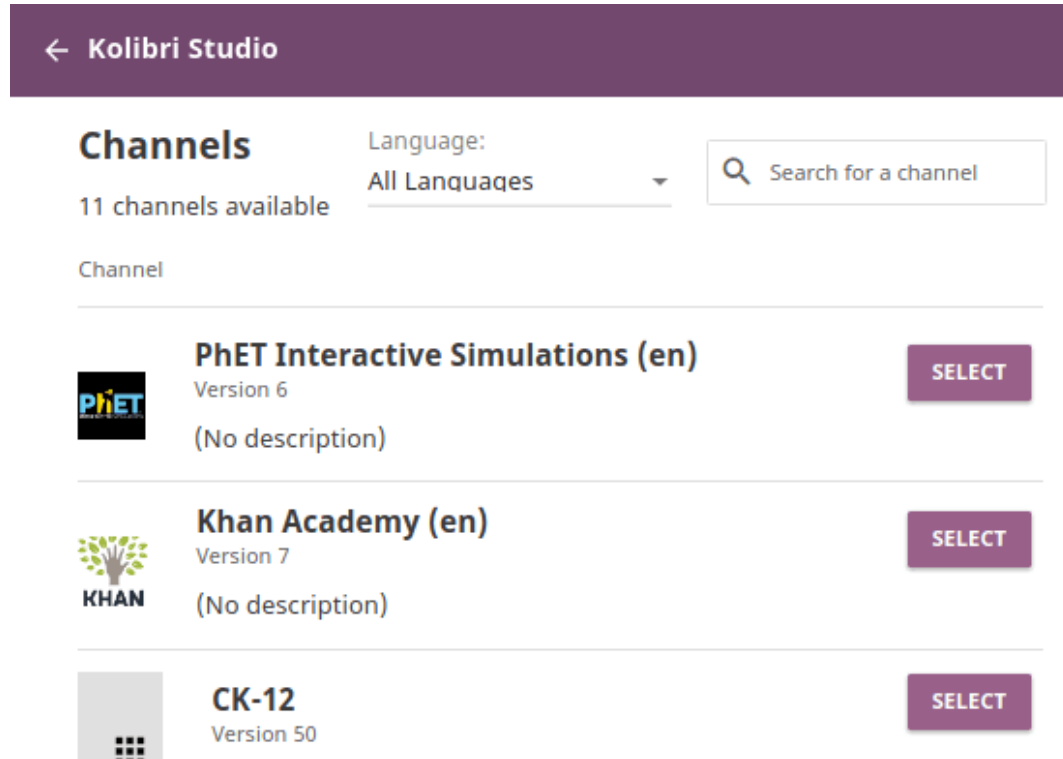




## Import Content from Kolibri Studio

If the computer where Kolibri is running has an Internet connection with the sufficient bandwidth, follow these steps to import content channels.

1. Choose option *Kolibri Central Server*, and you will be able to see all the available **public** content channels.




2. Click **Select** button for the desired channel, and wait for Kolibri to display the channel information and the topic tree.
3. In the **Select content** page you will see all the details of the selected channel: description, version, total size and number of learning resources, with the information whether you have some of the resources from that channel already imported on the local device.



←
Select content

Channel up-to-date



## African Storybook

Version 14

Early age story books in African mother tongue languages.

|                | Resources | Size  |
|----------------|-----------|-------|
| Total size     | 4,513     | 13 GB |
| On your device | 0         | 0 B   |

**Choose content to import**

Resources selected: 2 (10 MB)
IMPORT
Your remaining space: 83 GB

---

[African Storybook](#) › [Acholi](#) › Level 1

☐ Select all

☒ 📖 Apwoyo Gin Ki Laluu Gu Pitu Cam

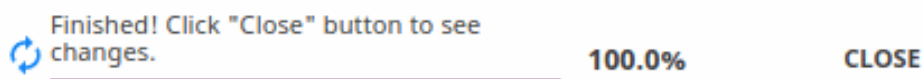
☒ 📖 Awobi Ma Lagem

☐ 📖 Kuma

1 resource selected

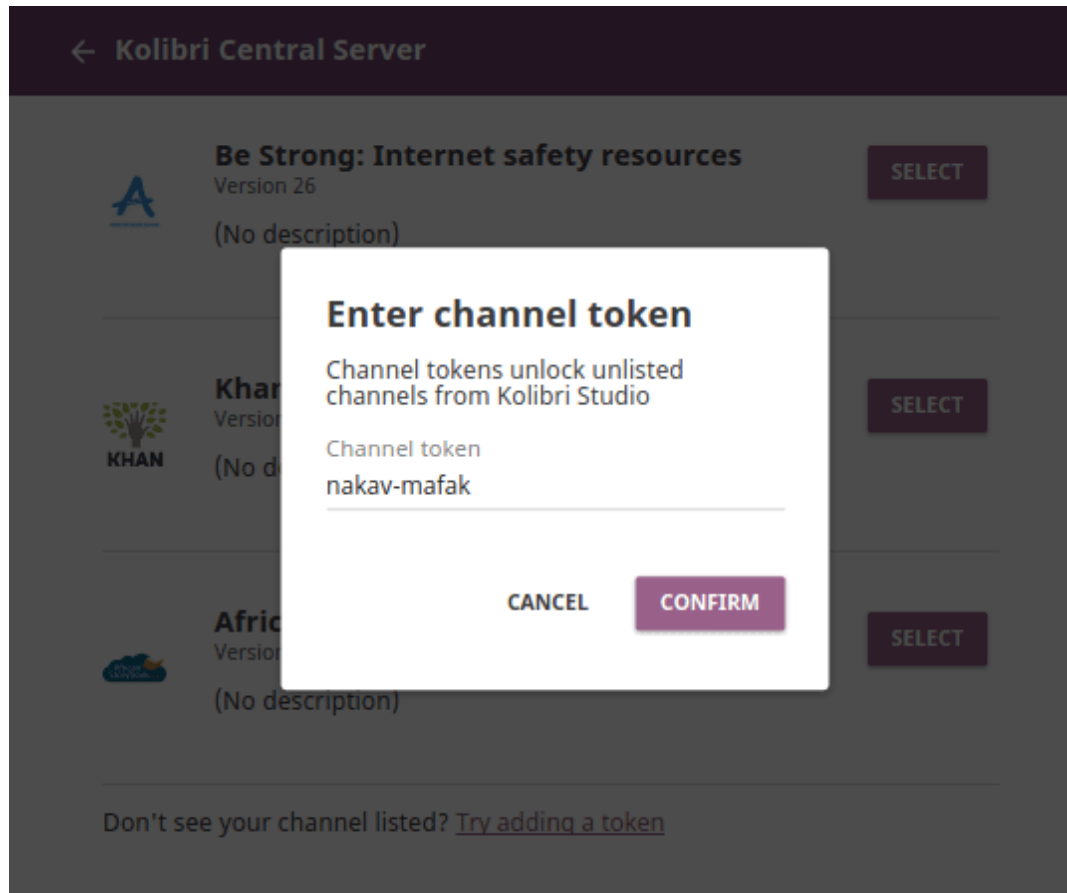
1 resource selected

4. Under **Choose content to import** you can browse the channel topics and individual resources. Use the *Select all* checkbox to import the content channel in full, or select only certain topics or resources. As you keep selecting, you will see the total number and size on disk under *Resources selected*;, and the remaining space on your device.
5. Click **Import** button once you finish selecting all the desired content.
6. Wait for the content to be downloaded and click **Close** for the new channel to appear under the **Content** heading.



7. If you need to import content from a **private/unlisted** channel, scroll to the bottom of the *Kolibri Central Server* page.
8. Click on **Try adding the token** link, and enter the **channel token/ID** received from the channel curator on Kolibri Studio.





9. Click **Confirm** to unlock channel, or **Cancel** to exit.
10. Proceed to select and import channel topics and resources as for the public channels.

### Import Content from a Local Drive

If the computer where Kolibri server is running does not have access to Internet or has insufficient bandwidth, you have the option to receive content channels stored on an external drive (USB stick or hard disk). Follow these steps to import content channels.

1. Connect the external USB drive to your computer.
2. Choose option for *Attached drive or memory card*, and click **Continue**.
3. Kolibri will automatically detect and display the drive(s) with available Kolibri content files.
4. Select the drive where the desired channel is stored, and click **Continue**.
5. Click **Select** button for the desired channel, and follow the same steps for selecting topics and resources as for the *import from Kolibri Central Server*.



← Import from /media/didivm/TOSHIBA

## /media/didivm/TOSHIBA

5 channels available

Language:

All Languages



Search for a channel...

Channel



### Khan Academy Testing

Version 32

Kolibri Testing Channel



On your device

SELECT



### CK-12 Testing

Version 1

(No description)



On your device

SELECT



### Minimum Testing Channel

Version 6

(No description)

SELECT

#### Tip: Workaround for import from external drive on older devices.

If Kolibri is installed on an older or a low-resource device, you can try the following procedure for importing content channels for faster results.

1. Stop Kolibri.
2. Browse the local drive with the file explorer of your operating system.
3. Copy the `content` folder located inside the `KOLIBRI_DATA` folder on the local drive.
4. Paste the copied `content` folder inside the `.kolibri` folder on your hard disk. The location of the `.kolibri` folder will depend on your operating system (see the table below).
5. Confirm the merge of the two folders.
6. Restart Kolibri, and the new channels should now be available.

| Operating system | Location  |
|------------------|---|
| Windows          | C:/Users/<your_username>/. <code>kolibri</code> / |
| OSX              | HD/Users/<your_username>/. <code>kolibri</code> / |
| Linux            | /home/<your_username>/. <code>kolibri</code> /    |

On Linux and OSX you will need to enable the **Show hidden folders** option in order to view the `.kolibri` folder.



## Export from Kolibri to Local Drive

If you want to make available the content you have imported on your Kolibri device, to another computer where Kolibri is installed, follow these steps to export your content channels.

**Note:** You must have an external drive (USB stick or hard disk) attached to your device.




1. Click **Export** button in **Content** page.
2. Select the local drive (export destination) where you wish to export **Kolibri** content, and click **Continue**.
3. In the *Export to <name-of-your-drive>* page you will be able to see all the available content channels on your device.

← Export to /media/sf\_didi

### Your channels

3 channels available

Channel

|   |  |                  |        |
|---|--|------------------|--------|
|   | <b>Khan Academy Testing</b><br>Version 32<br>Kolibri Testing Channel | 42 MB resources  | SELECT |
|  | <b>CK-12 Testing</b><br>Version 1<br>(No description)                | 11 MB resources  | SELECT |
|  | <b>Portion Control</b><br>Version 15<br>(No description)             | 245 MB resources | SELECT |

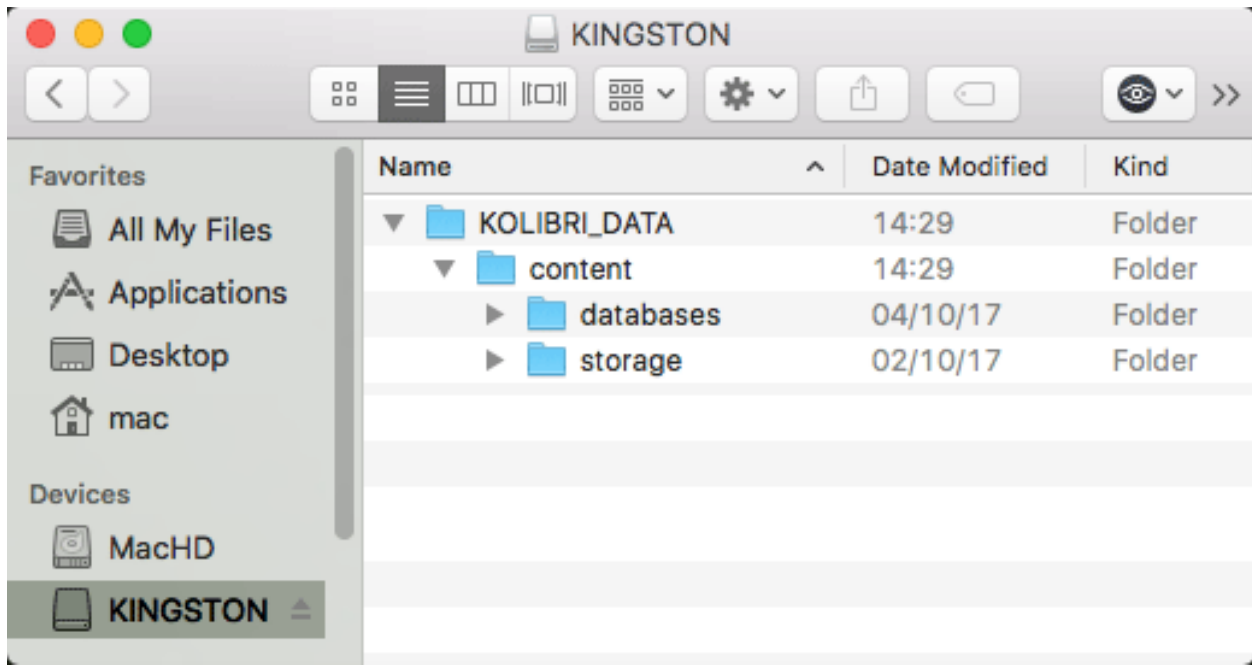
Language:  
All Languages

Search for a channel...

4. Click **Select** button for the desired channel, and wait for Kolibri to display the channel information and the topic tree.
5. In the **Select content** page you will see all the details of the selected channel: description, version, total size and number of learning resources.
6. Under **Choose content to export** you can browse the channel topics and individual resources. Use the *Select all* checkbox to import the content channel in full, or select only certain topics or resources. As you keep selecting, you will see the total number and size on disk under *Resources selected*:, and the remaining space on the destination drive.
7. Click **Export** button once you finish selecting all the desired content.
8. Wait for Kolibri to export the selected content and click **Close**.
9. Once the export is finished, safely disconnect the drive according to the recommended procedure for your operating system, and proceed to import channels on other devices.



**Note:** This procedure makes a copy of the `content` folder located inside the `.kolibri` folder on your hard disk, and places it in the `KOLIBRI_DATA` folder on the selected local drive. This structure is recognized by the **Import from local drive** command.



## Peer-to-Peer Content Synchronization

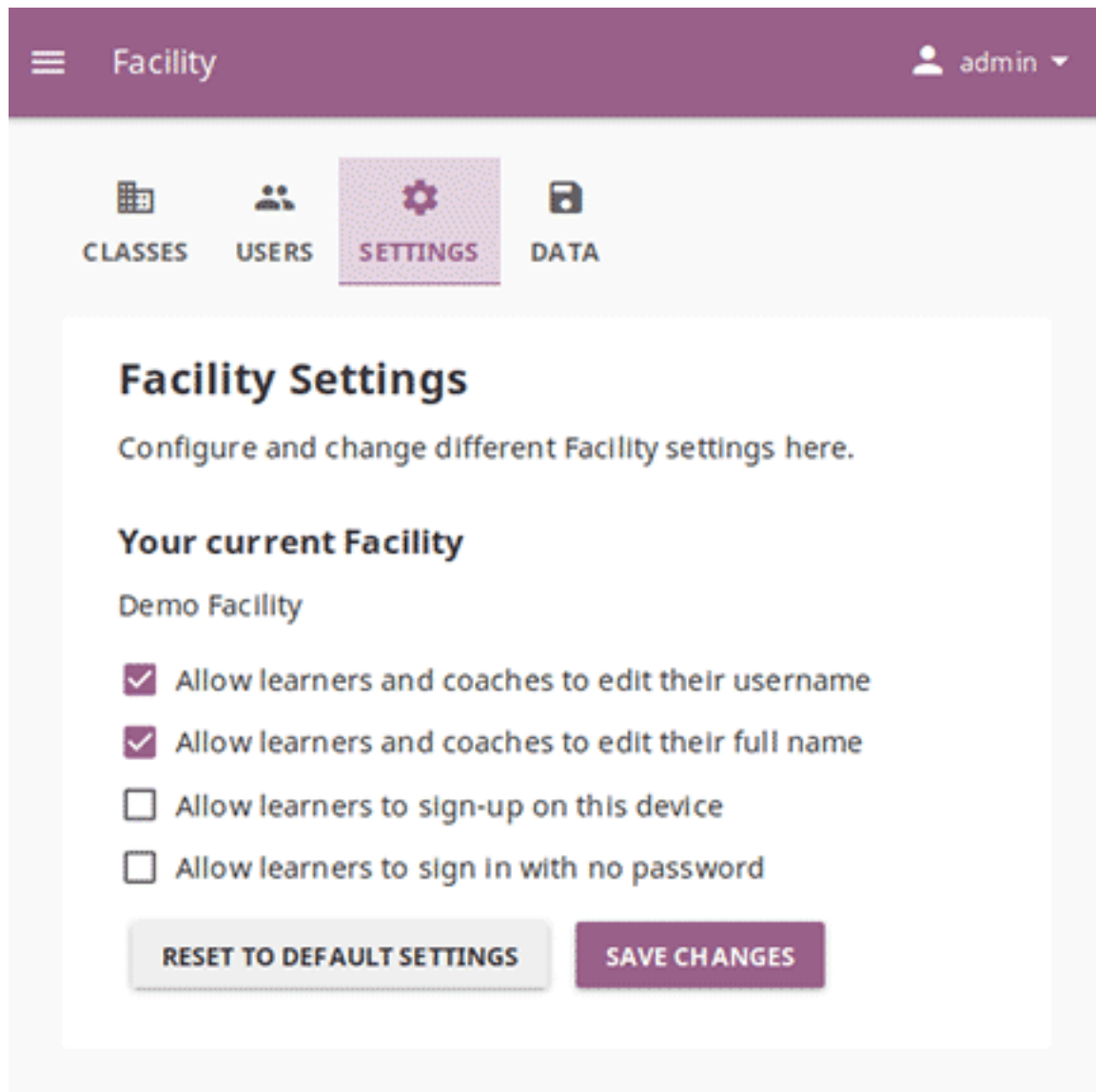
Stay tuned!

### 3.3.4 Manage Facility

You can edit facility configuration settings in Kolibri from the **Configuration** tab in your **Facility** dashboard.

1. Activate the options you want to make available for the users of your facility. You have the possibility to allow users to edit their full names and usernames, to sign in without password (except Admin users), and to allow guests to sign up and use Kolibri.
2. Click **Save changes** to apply and finish.





---

**Note:** To manage facility settings in Kolibri you must sign in as **Super user** or **Admin**.

---

### 3.3.5 Manage Users

You can search for, filter, add, and edit user accounts in Kolibri from the **Users** tab in your **Facility** dashboard.



The screenshot shows the 'Facility' management page in Kolibri. The top navigation bar is purple with a hamburger menu icon, the word 'Facility', and a user profile icon labeled 'admin'. Below this is a secondary navigation bar with four icons: 'CLASSES' (calendar), 'USERS' (people icon, highlighted with a purple underline), 'SETTINGS' (gear), and 'DATA' (floppy disk). The main content area is titled 'All ( 8 )' and contains a 'User kind' dropdown menu set to 'All', a search bar with the placeholder 'Search for a user...', and a purple 'ADD NEW' button. Below these elements is a table of users with columns for Username, Full name, and a 'MANAGE' dropdown menu. The 'admin' user is marked as 'Admin' and 'carriew' as 'Coach'.

| Username | Full name |          |
|----------|-----------|----------|
| abbyl    | Abby L.   | MANAGE ▾ |
| admin    | Didi N.   | MANAGE ▾ |
| carolh   | Carol H.  | MANAGE ▾ |
| carriew  | Carrie W. | MANAGE ▾ |
| johnc    | John C.   | MANAGE ▾ |

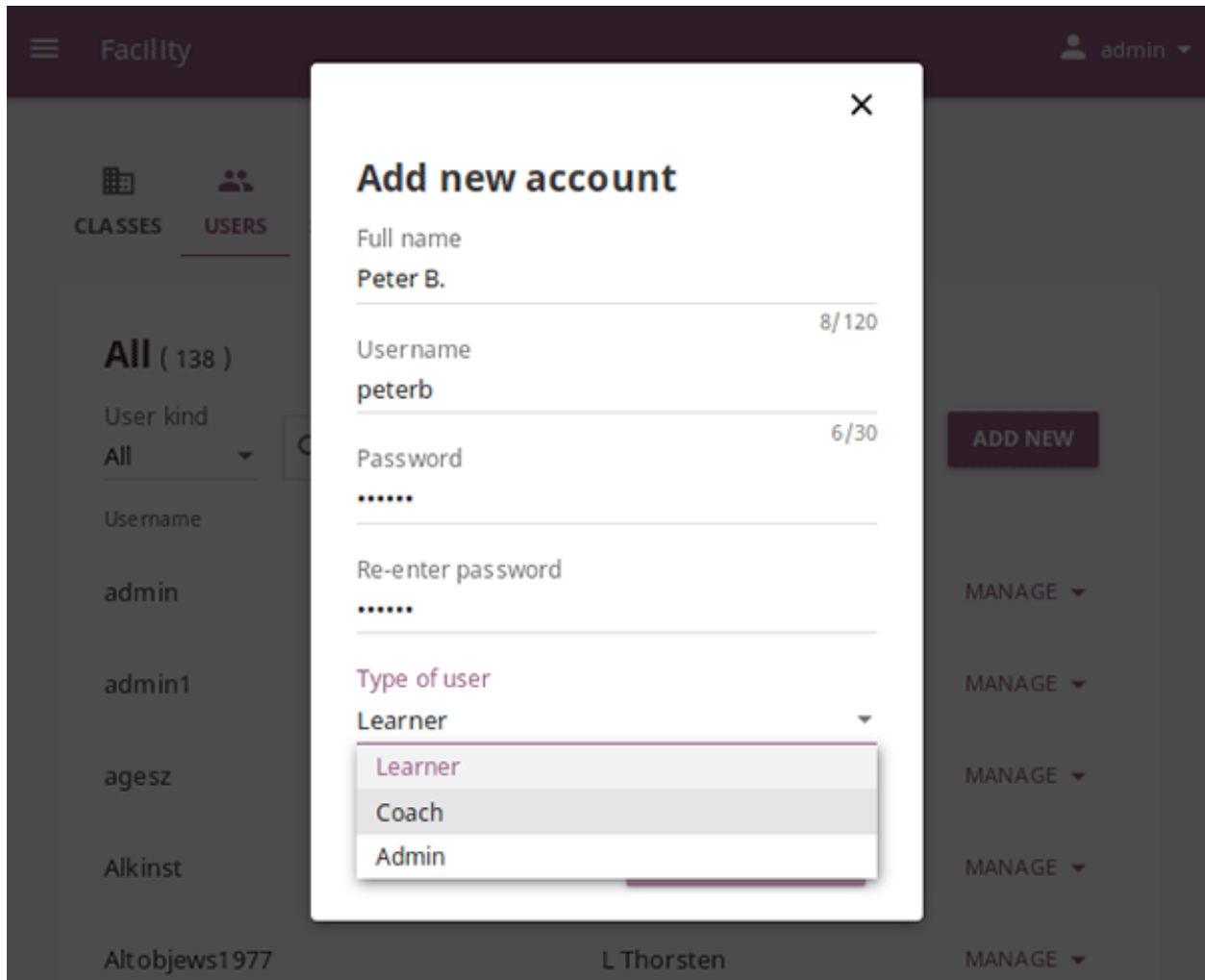
**Note:** To manage Kolibri users you must sign in as **Super user** or **Admin**.

### Create a New User Account

To create a new user account, follow these steps.

1. Click **Add New** button.
2. Fill in the required information (name, username, password).
3. Select user profile (*Admin*, *Coach* or *Learner*).
4. Click **Create Account** to add the new user.





### Select Users by Type

1. Click **All Users** selector to display user types.
2. Toggle between options to filter the user roster according to type, or leave it as **All Users** to display all.



**Facility** admin

CLASSES **USERS** SETTINGS DATA

**All (8)**

User kind  
All

Search for a user...

ADD NEW

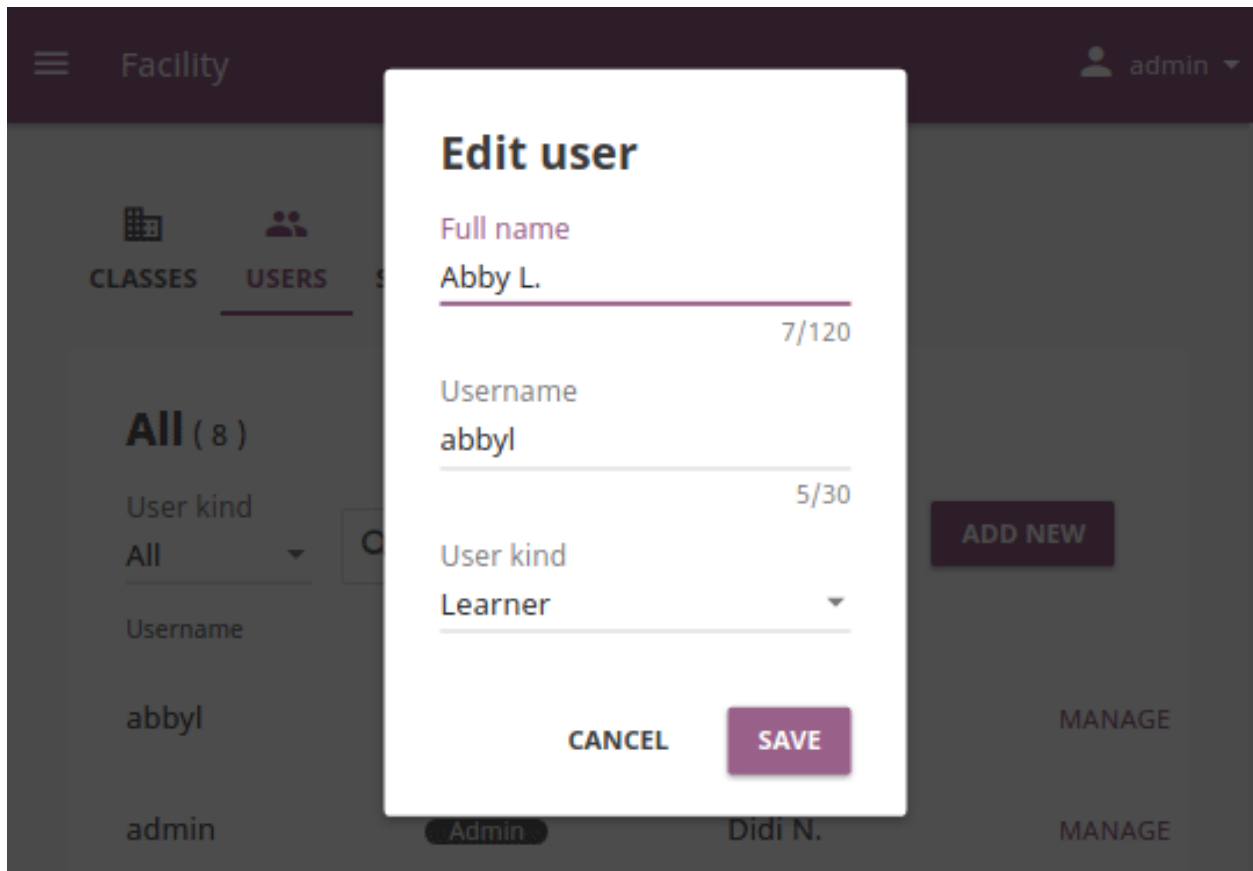
| Username | Role  | Full name | Actions |
|----------|-------|-----------|---------|
| admin    | Admin | Abby L.   | MANAGE  |
| carriew  | Coach | Didi N.   | MANAGE  |
| johnc    |       | Carrie W. | MANAGE  |
|          |       | John C.   | MANAGE  |

### Edit User's Account

To edit username, full name or account type, follow these steps.

1. Click on the **Manage** button for the desired user and select the **Edit** option.
2. Edit **Full name** or **Username** in the **Edit user** window.
3. Click **Save** to update the edited information, or **Cancel** to exit without saving.

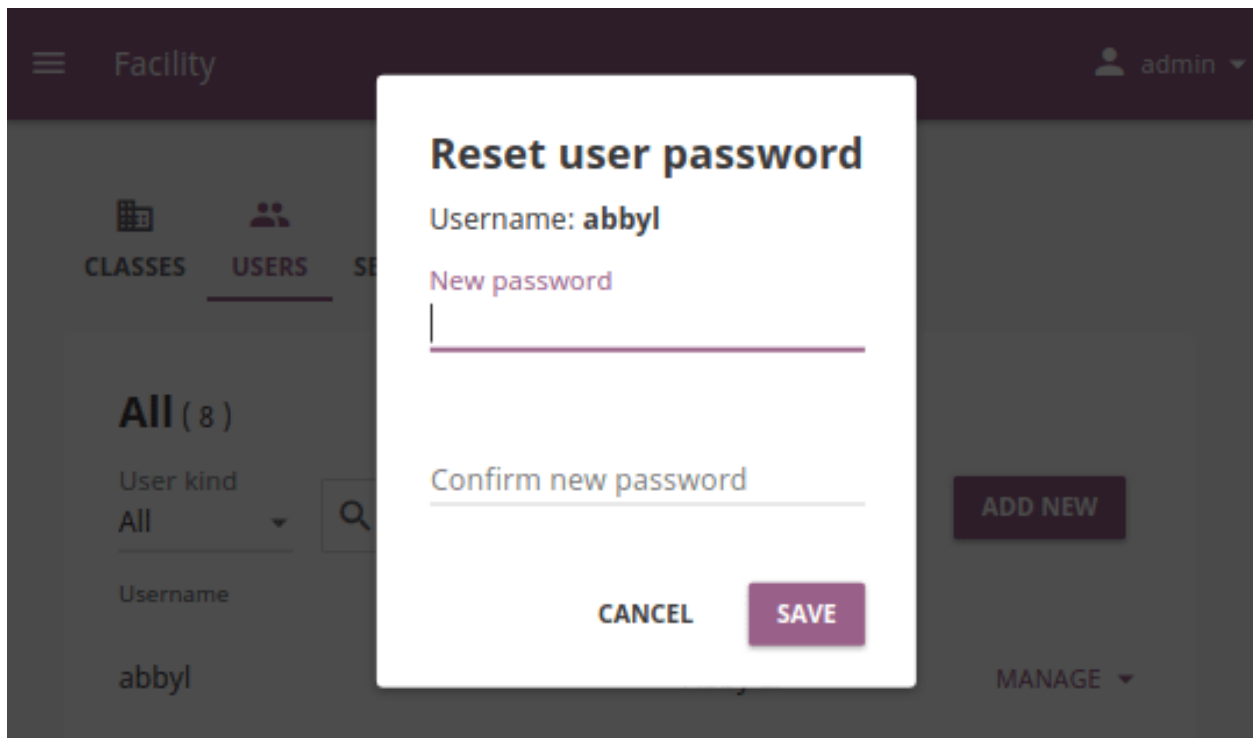




### Reset User's Password

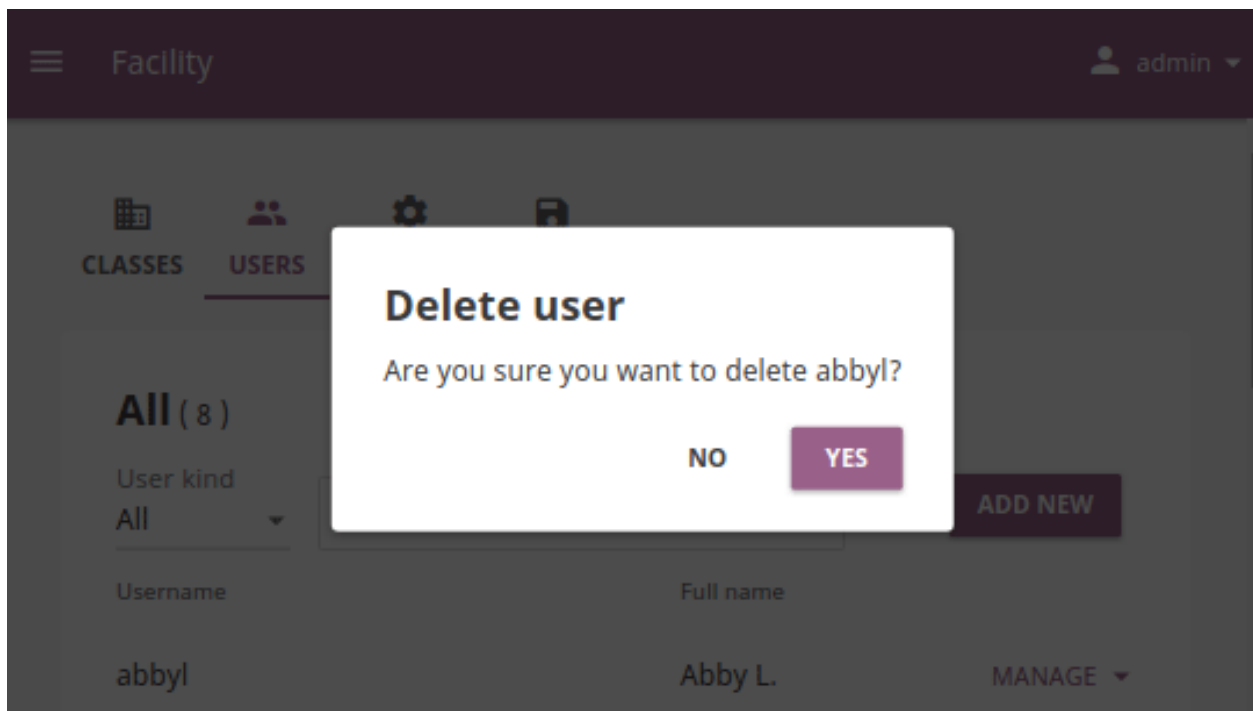
1. Click on the **Manage** button for the desired user and select the **Reset user password** option.
2. Enter the new password in both fields.
3. Click **Save** to confirm, or **Cancel** to exit without changing the password.





### Delete User's Account

1. Click on the **Manage** button for the desired user and select the **Delete** option.
2. Click **Yes** to confirm, or **No** to exit without deleting the account.





### 3.3.6 Manage Classes

You can view, create and delete classes, as well as search, filter and enroll Kolibri users in them, using the **Classes** tab in your **Facility** dashboard. Default view displays the list of all classes in your facility, with the number of enrolled users for each class.

The screenshot shows the Kolibri Facility dashboard. At the top is a purple header bar with a menu icon, the word "Facility", and a user profile labeled "admin". Below the header is a row of four tabs: "CLASSES" (highlighted in purple), "USERS", "SETTINGS", and "DATA". The main content area is titled "All Classes" and contains a table with three columns: "Class Name", "Members", and "Actions". There are four rows of class data, each with a "DELETE CLASS" button in the "Actions" column. An "ADD NEW CLASS" button is located in the top right corner of the table area.

| Class Name                   | Members | Actions      |
|------------------------------|---------|--------------|
| <a href="#">classromA</a>    | 3       | DELETE CLASS |
| <a href="#">Classroom 2W</a> | 22      | DELETE CLASS |
| <a href="#">MThomas-test</a> | 2       | DELETE CLASS |
| <a href="#">Primera 1D</a>   | 23      | DELETE CLASS |

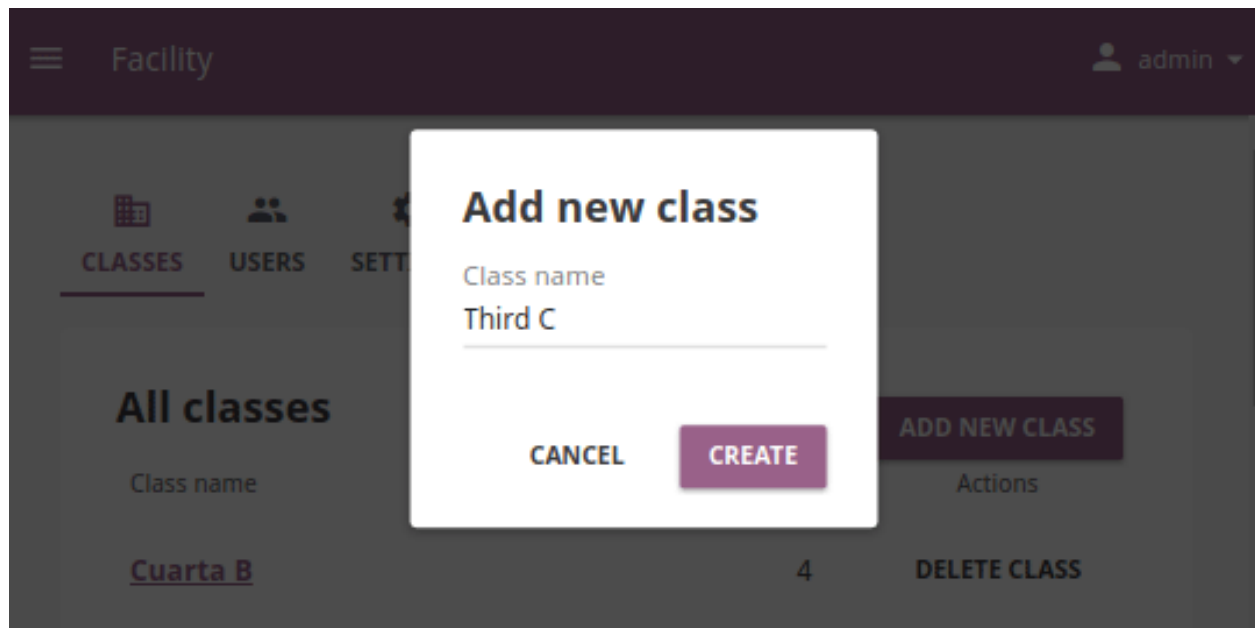
**Note:** To manage Kolibri users you must sign-in as **Super user** or **Admin**.

#### Add New Class

To add a new class, follow these steps.

1. Click **Add new class** button.
2. Fill in the class name.
3. Click **Create** to add the new class, or **Cancel** to exit.

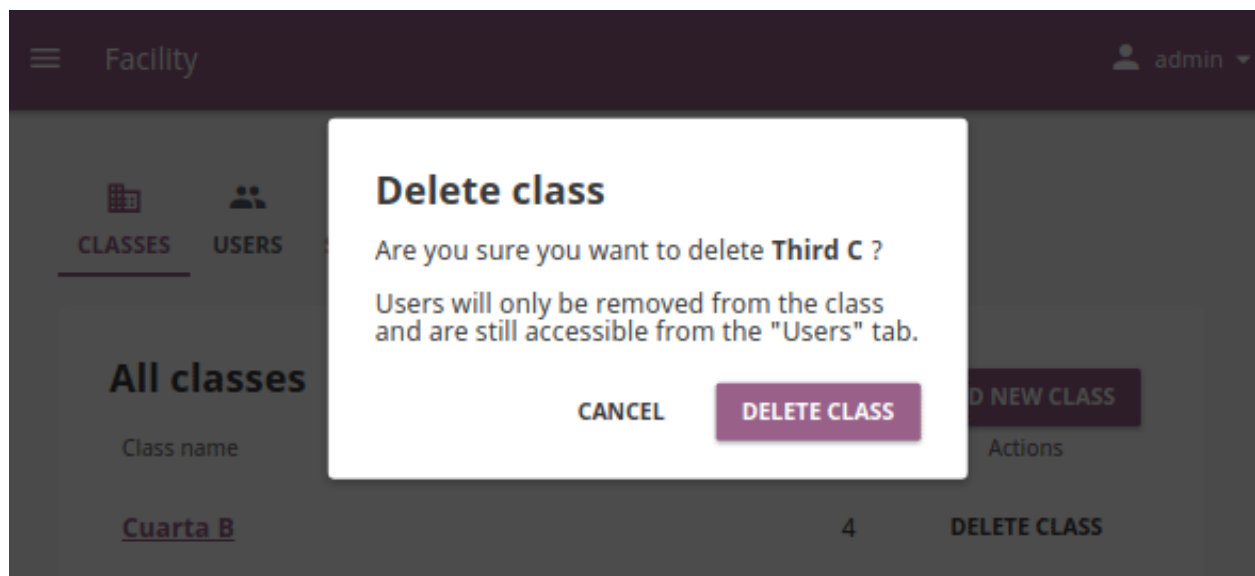




### Delete Class

To delete class, follow these steps.

1. Click **Delete class** button for the chosen class from the list.
2. Click **Delete class** in the confirmation window to proceed, or **Cancel** to exit without deleting the class.



**Note:** Users enrolled in the class you are deleting will not be removed from the database.



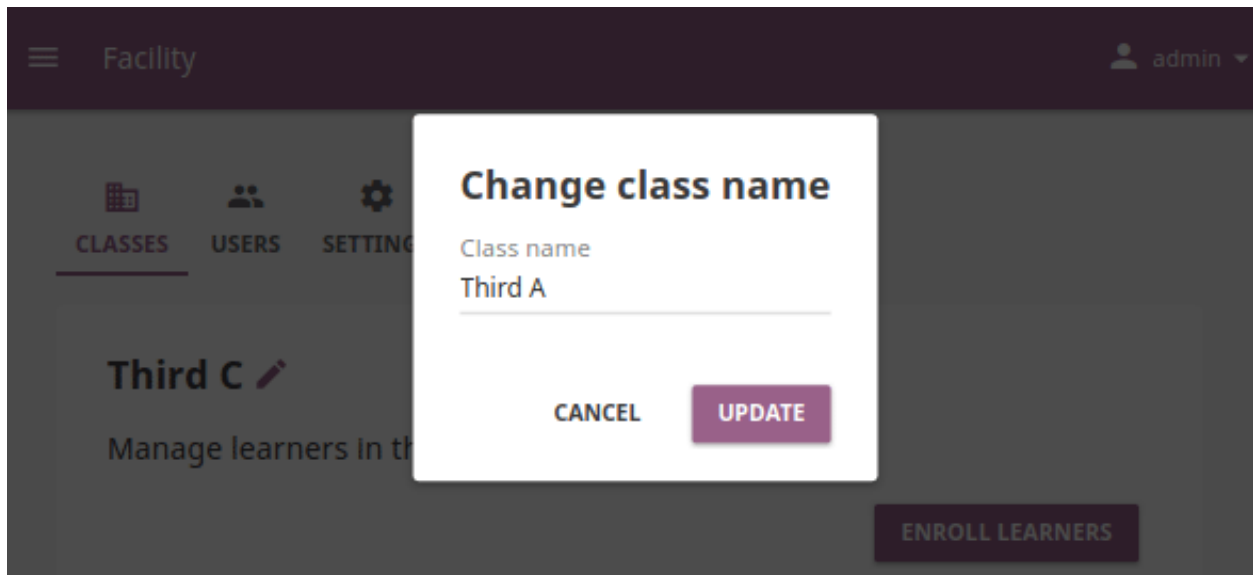
## Edit Class and Enroll Users

To edit a class select it from the default view in the **Classes** tab. In the following **Class** view you can change class name, remove currently enrolled users from the class and enroll new ones.

### Change Class Name

To edit class name, follow these steps.

1. Click on the **Edit** button (pencil icon) next to the class' name.
2. Write the new name in the **Class name** field.
3. Click **Update** to confirm the edited information, or **Cancel** to exit without saving.



### Enroll users to class

1. Click the **Enroll users** button on the class details page.



Facility admin

CLASSES USERS SETTINGS DATA

BACK TO CLASS DETAILS NEW USER ACCOUNT

### Select users to enroll in Third C

Showing all users currently not enrolled in this class

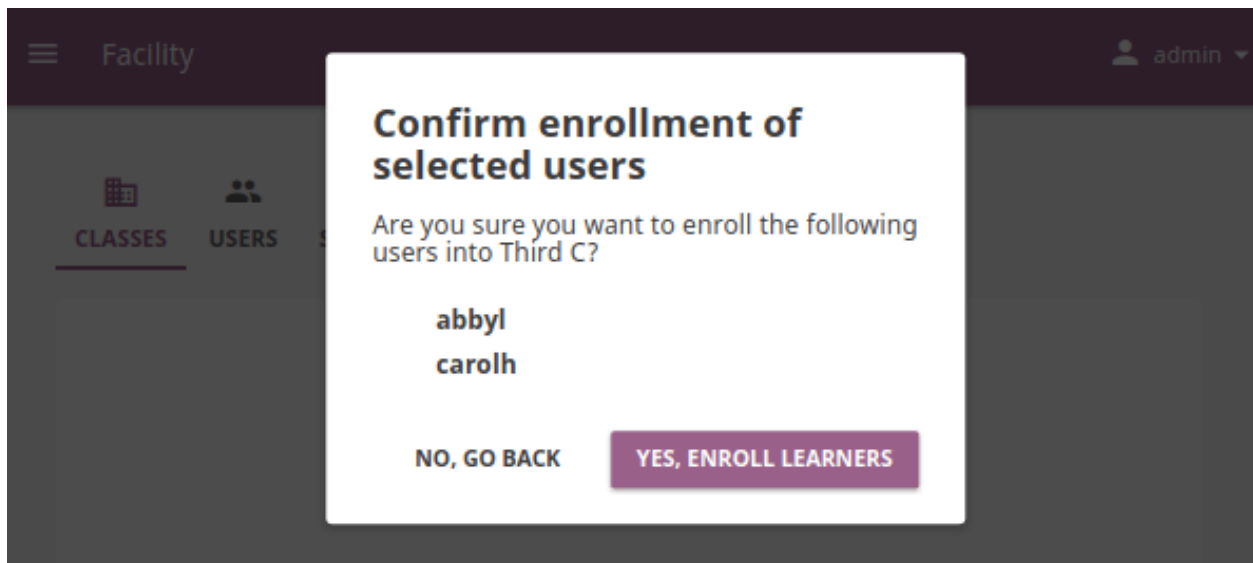
Search for a user

☐ Show selected users (2)

| <input type="checkbox"/>            | Username | Role    | Full name |
|-------------------------------------|----------|---------|-----------|
| <input checked="" type="checkbox"/> | abbyl    | learner | Abby L.   |
| <input type="checkbox"/>            | admin    | admin   | Didi N.   |
| <input checked="" type="checkbox"/> | carolh   | learner | Carol H.  |
| <input type="checkbox"/>            | carriew  | coach   | Carrie W. |

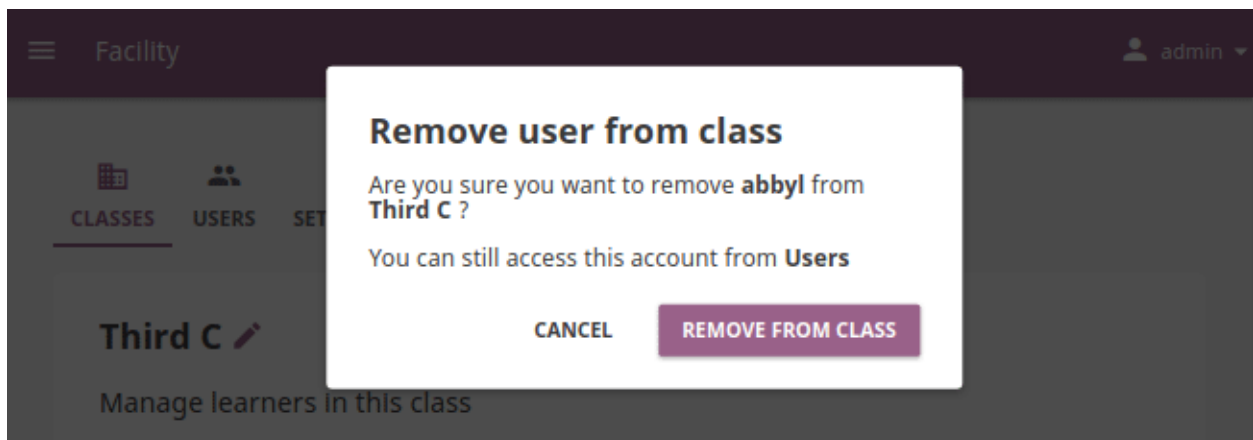
- List in this view contains all the users currently **NOT** enrolled for the selected class.
  - You can search for a specific user by name.
2. Use checkboxes to select all the user in the list, or specific users you want to enroll to class. You can also use the **New user account** button to create a new user AND enroll them at the same time.
  3. Click **Review & save** button.
  4. Click **Yes, enroll users** to confirm, or **No, go back** to exit without enrolling the selected users.





### Remove users from class

1. Click **Remove** button for the chosen user.
2. Click **Remove from class** to confirm, or **Cancel** to exit without removing the user.



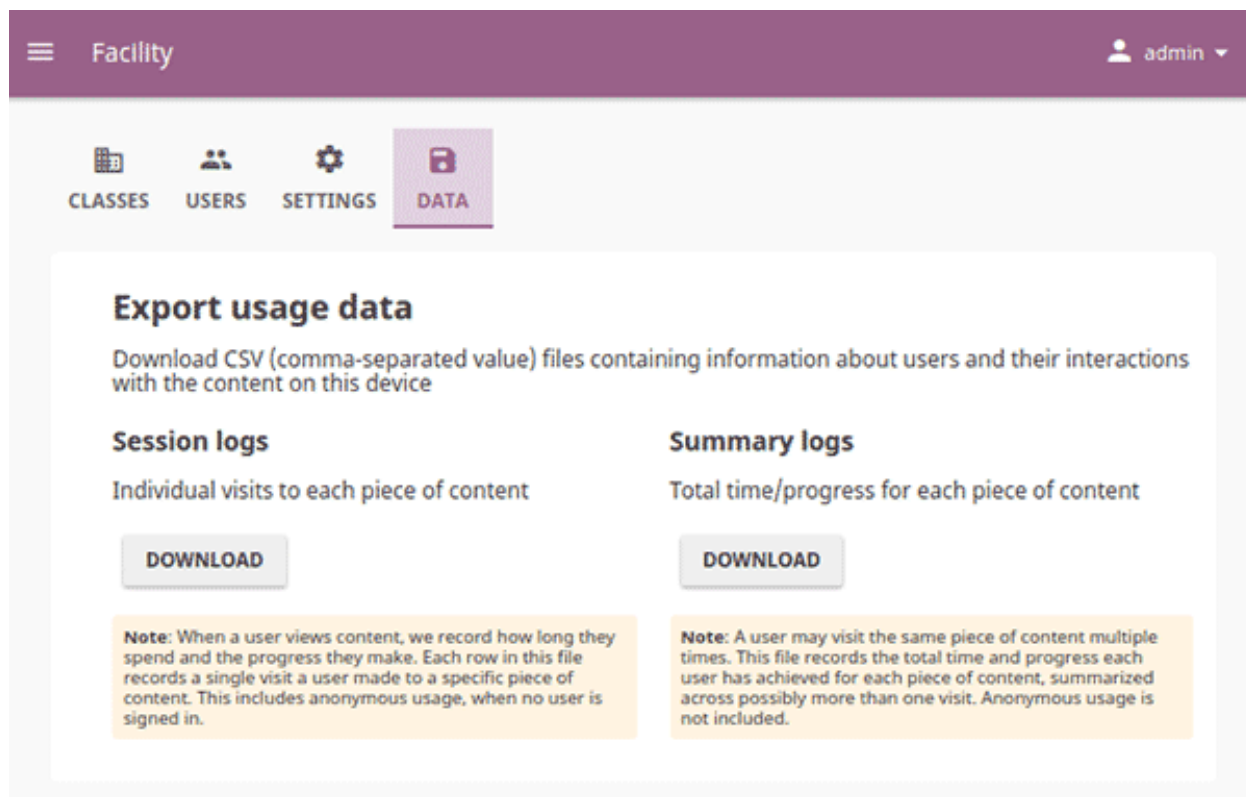
**Note:** Users removed from the class will not be deleted from the database, and you can still access their accounts from the **Users** tab in the **Facility** dashboard.

### 3.3.7 Manage Data

**Note:** To manage Kolibri data you must sign-in as **Super user** or **Admin**.

You can download Kolibri *Session* and *Summary* logs usage data and export in the CSV (comma separated values) format from the **Data** tab in your **Facility** dashboard.





**Export usage data**

Download CSV (comma-separated value) files containing information about users and their interactions with the content on this device

**Session logs**

Individual visits to each piece of content

DOWNLOAD

**Note:** When a user views content, we record how long they spend and the progress they make. Each row in this file records a single visit a user made to a specific piece of content. This includes anonymous usage, when no user is signed in.

**Summary logs**

Total time/progress for each piece of content

DOWNLOAD

**Note:** A user may visit the same piece of content multiple times. This file records the total time and progress each user has achieved for each piece of content, summarized across possibly more than one visit. Anonymous usage is not included.

## Data Syncing

Stay tuned!

### 3.3.8 Working with Kolibri from the Command Line

**Warning:** In Windows you need to open `cmd.exe` Command prompt in the folder where Kolibri executable is located: `c:/Python27/Scripts`.

*Make sure not to include the angle brackets "< >" in the commands below.*

If you see errors in the prompt/terminal output while running the commands below, ask for help at our [Community Forums](#), or [file an issue on GitHub](#).

## Start/Stop Kolibri

In case you need to troubleshoot potential problems while running Kolibri, you may try to start it manually from the command line.

```
kolibri start --debug --foreground
```

```
kolibri stop
```



## Run Kolibri from a Different Port

If you need to change the default port 8080 from which Kolibri is serving content, add the following flag to the previous command.

```
kolibri start --port <new-port-number>
```

## Import Content Channels from Internet

To import content channels from Internet, run these two commands in sequence. The first downloads the channel database, and the second downloads the resources (videos, documents, etc.).

```
kolibri manage importchannel -- network <Channel ID>
kolibri manage importcontent -- network <Channel ID>
```

## Export Content Channels

To export Kolibri content channels on a local drive in order to share it with another device, run these two commands in sequence. The first exports the channel database, and the second exports the resources (videos, documents, etc.).

```
kolibri manage exportchannel -- <Channel ID> /path/to/local/drive/KOLIBRI_DATA
kolibri manage exportcontent -- <Channel ID> /mount/mydrive/KOLIBRI_DATA
```

The path should be to a folder named KOLIBRI\_DATA at the root of the local drive, so it will get picked up later for importing via the Web UI.

## Create a New Super User

In case you need to create another Super user, either to address additional need of managing facility, or if you lost the password for the old one, run the following command:

```
kolibri manage createsuperuser
```

You will be prompted to input the **Username** and **Password** and the new **Super user** user account will be created.

## Change Language

```
kolibri language setdefault <langcode>
```

| Language           | <langcode> |
|--------------------|------------|
| English            | en         |
| Spanish (Spain)    | es-es      |
| French             | fr         |
| Swahili (Tanzania) | sw-tz      |
| Arabic             | ar         |
| Farsi              | fa         |
| Urdu (Pakistan)    | ur-pk      |



## Backup and Restore Kolibri Database

Kolibri automatically creates a backup of the database with every version upgrade. If for some reason you need to make a manual backup, use the following command.

```
kolibri manage dbbackup
```

This command will create a time-stamped `.dump` file in the `./kolibri/backups` folder that you can use to restore the database with the following command.

```
kolibri manage dbrestore --latest
```

If you need to restore a backup version prior to the latest one, you must specify the full path to a specific `*.dump` file.

```
kolibri manage dbrestore ~/.kolibri/backups/db-xxxx.dump
```

**Warning:** This command is not intended for replication across different devices, but **only** for restoring on a single device from a local backup of the database.

## Change the Location of ALL Kolibri Files

If you want to change the directory where all of Kolibri's runtime files go, the imported content channels, you need to change the environment variable called `KOLIBRI_HOME` to the path of your choice.

If the variable is left unset, by default, Kolibri's runtime files and content will be placed in your user's *Home* folder, under the `.kolibri` subfolder.

There are many ways to set an environment variable either temporarily or permanently. To start Kolibri on **OSX** or **Linux** with a different home, follow these steps.

1. Stop the server.
2. Move the `.kolibri` folder to the new location.
3. Run the following in Terminal:

```
KOLIBRI_HOME=/path/to/new/home kolibri start
```

When you start the server again, all your files should be seamlessly detected at that location.

To change the environment variable `KOLIBRI_HOME` on **Windows**, follow these steps.

1. Stop the server.
2. Move the `.kolibri` folder to the new location.
3. Run the following in Command Prompt:

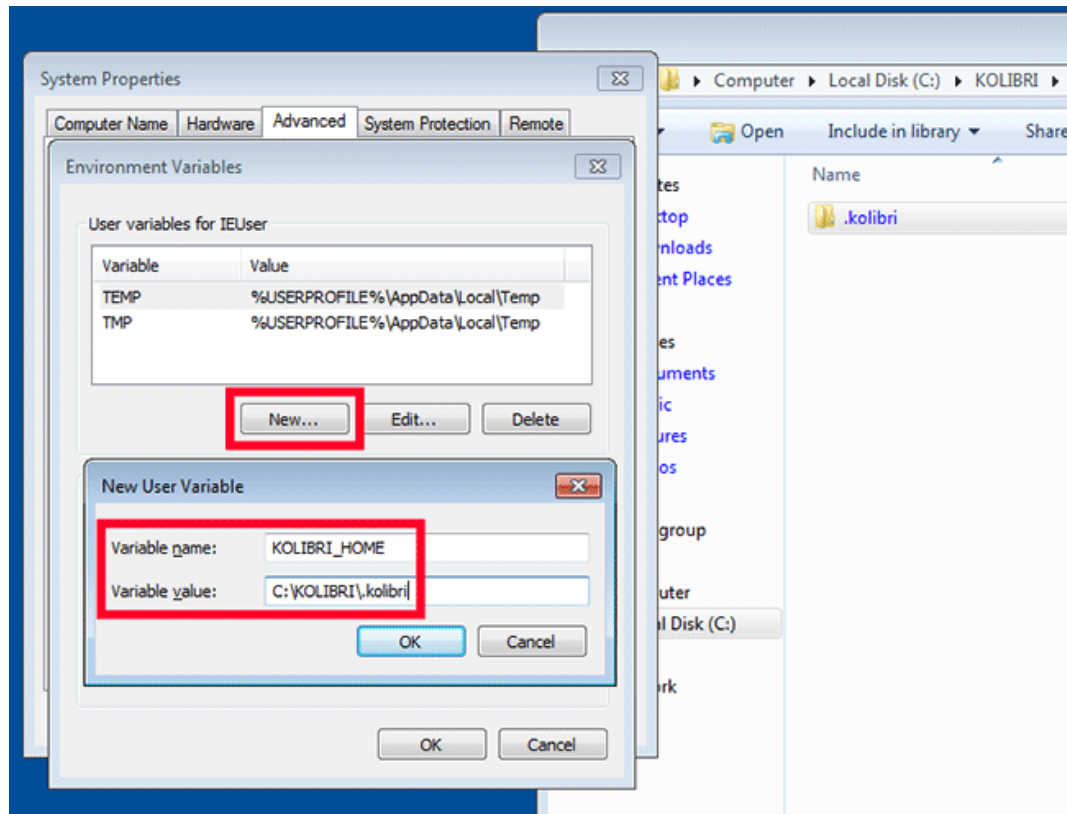
```
setx KOLIBRI_HOME "/path/to/new/home"
```

Restart the server, and your files should be seamlessly detected at the new location.

Alternatively, you can follow these steps in the GUI.

1. Go to **Computer > Advanced System Settings** and press the **Environment Variables** button.
2. Under **User Variables for...** press the **New...** button.
3. Input the new path and press **OK** on both open windows.





4. Restart Kolibri.

### 3.3.9 Support and Troubleshooting

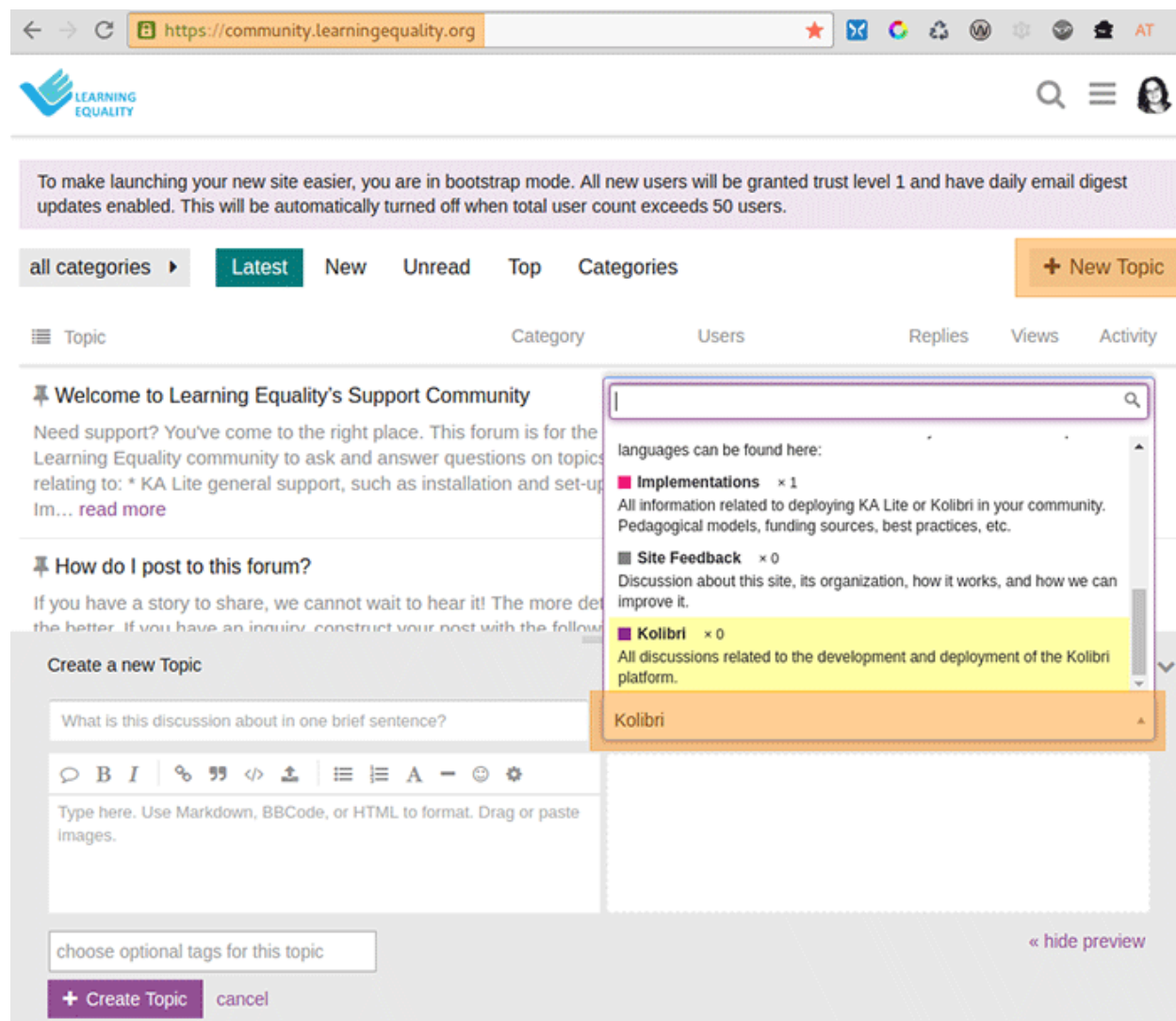
#### Report a problem with Kolibri

If you want to contact the **Learning Equality** Support team to report an issue, or share your experience about using Kolibri, please register at our [Community Forums](#).

Once you register on our forums, please read the the first two pinned topics (*Welcome to LE's Support Community* and *How do I post to this forum?* )

You can add a new topic with the + **New Topic** button on the right. Make sure to select the **Kolibri** category in the **Create a New Topic** window so it's easier to classify and respond to.





Our technical users, including software developers, should follow the instructions on our [Developer documentation](#) for reporting bugs.

## Troubleshoot Network Issues

1. Can you access Kolibri when you type `http://127.0.0.1:8080` in the address bar of the browser?
2. Can you access anything from the *external IP* of the device running Kolibri **FROM** the device itself?
3. Can you ping the external IP address from another device on the network? For example, if Kolibri is on a device/computer with IP address `192.168.0.104`, type this in the Terminal or Command prompt:

```
ping 192.168.0.104
```

## About IP addresses

- `0.0.0.0` = A special IP address on the **server** (your device running Kolibri and “serving” its content to others in the local network), which actually means “all available IP addresses”. It’s a kind of alias. But accessing `0.0.`



0.0 from another computer doesn't make sense and doesn't work. By default, Kolibri will serve on 0.0.0.0, which essentially means all IP addresses that are available on the device will render Kolibri accessible.

- 127.0.0.1 = A device's local IP address, meaning "myself". Some people joke and say "There's no place like 127.0.0.1", meaning "there's no place like home" :) This can be used on the serving device itself to test that Kolibri is running, in case you need a failsafe way of checking that Kolibri is in fact running and responsive.
- 192.x.y.z = Addresses starting with 192 are local network IP addresses. The same thing can be said about 10.x.y.z. The address that you wanna use to enter on the clients/tablets in order to contact the server will in most cases start with 192 or 10.
- Port number: Kolibri runs on port 8080. When you access something on an IP address, you need a port. Ports can be open or closed on the server, but they can also be regulated by firewall rules on the way. `http://` <- this is the protocol that the browser reads out from the "URL", which is just some text that describes Kolibri.
- `http://192.168.1.1:8080` means: "Connect to IP address 192.168.1.1 on port 8080 with the HTTP protocol". The browser will then continue to try to reach this address, but may fail for instance if Kolibri isn't running, or if a step along the way blocks access.

### Locate Kolibri log files

When you report a problem with Kolibri, we may ask you to send us Kolibri **log** files to help us find out why it is not working or crashing.

Open the `.kolibri` folder inside the *Home* of the device where Kolibri is running and locate these two files:

- `kolibri.log`
- `debug.log`

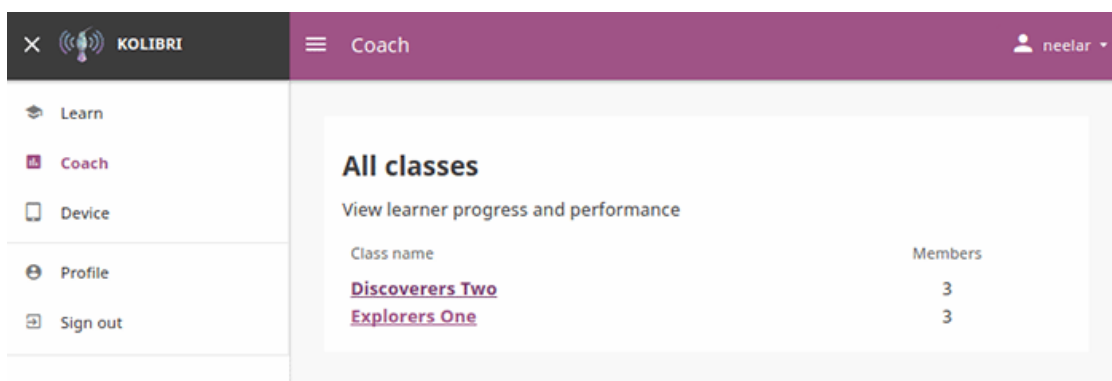
### Videos are not playing

Make sure to check the [system requirements](#) to see if you can support video playback. Please report any issues on our [Community Forums](#), stating the operating system and browser you are using.

## 3.4 Coach your Learners in Kolibri

You can track progress of the **Learner** users, create and assign **Exams** to classes or learner groups from the **Coach** dashboard. The default view of the **Coach** dashboard presents the list of **Classes** with number of learners enrolled to each class.

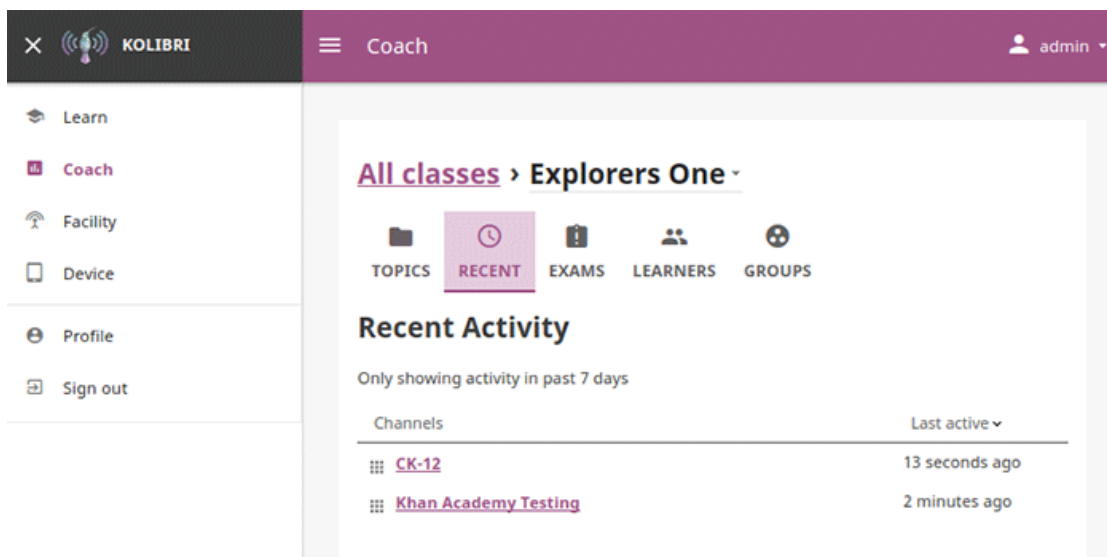
Select a class from the list to access the progress-tracking features and create exams.





### 3.4.1 View Recent Activity

This is the default view when you select a class from the **Coach** dashboard. It displays the list of channels and items (exercises and resources - videos, reading material, etc.) accessed during the last 7 days by learners of the selected class.



If the class learners have access to more than one channel, you will first see the list of channels which you can navigate by topics and subtopics until you arrive to a specific item. In this view you can see the progress of each class learner for that specific item.

### 3.4.2 View Activity by Topic

Use this view to access the full report of activity progress for the selected class. You can navigate channels by topics and subtopics until you see the progress of each class learner for one specific item.

#### Track Learner Progress

When you navigate to the last level in the topic tree, you can see the average progress of all class learners for each exercise or resource (video, document, HTML5 activity) in that particular topic.

When learner answers exercise questions in Kolibri, the progress bar below the exercise is taking into account only the most recent given answers, meaning that the learner must complete the required number of correct answers (*check marks*) **in the row** for the exercise to be considered completed.

In the example above, the progress bar for this exercise will appear as 40%, because the student has given 2 correct answers within the most recent set of 5 attempts. If this student had earlier made, for example, 20 incorrect attempts before the 4 displayed attempts, those 20 incorrect attempts don't get factored into the progress bar.

How does it look if learner A does 5 correct answers in a row on their first try, but learner B gets 10 wrong answers in a row before giving 5 correct ones in a row? In both cases, the progress would show as 100%, and you would have to click each learner's name to access their progress report and see the attempt history.

In the figure below you can see the progress of 5 learners for the exercise **Numbers to 120** in ascending order.



**All classes > Explorers One**

**TOPICS** RECENT EXAMS LEARNERS GROUPS

**Channels > Khan Academy Testing > Math > Early Math > Addition and subtraction intro**

**Addition and subtraction intro**

- 2 Exercises
- 4 Resources

| Name                                   | Avg. exercise progress | Avg. resource progress | Last activity |
|--|------------------------|------------------------|---------------|
| Addition and subtraction within 10     | 33%                    | 0%                     | 1 hour ago    |
| Addition and subtraction word problems | -                      | 0%                     | -             |
| Making 10                              | -                      | 33%                    | 1 hour ago    |
| Put together, take apart               | -                      | 0%                     | -             |

Fig. 11: Use the topic view to see the average progress for exercises and resources for all the learners in the class.

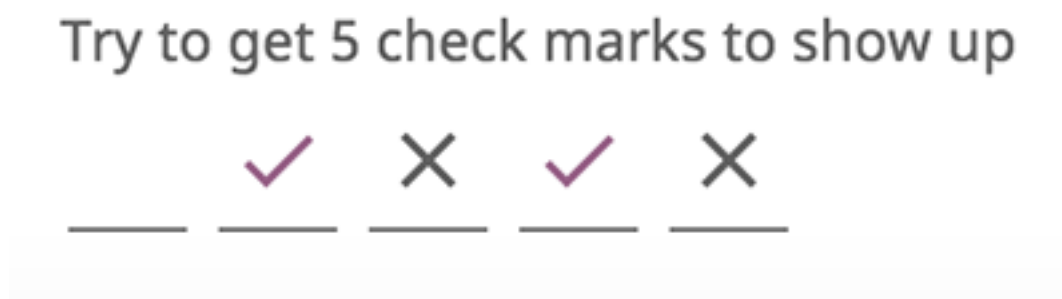





Fig. 12: The correct answers in the image above are not in a row; this exercise will be completed only after learner gives 5 correct answers one after another.




## ■ Addition and subtraction within 10

- 2 Exercises
- 1 Resource

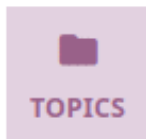
| Name   | Avg. exercise progress     | Avg. resource progress    | Last activity |
|--|----------------------------|---------------------------|---------------|
|  <a href="#">Add within 5</a>       | <div><div></div></div> 0%  | -                         | -             |
|  Addition and subtraction within 10 | -                          | <div><div></div></div> 0% | -             |
|  <a href="#">Subtract within 5</a>  | <div><div></div></div> 40% | -                         | 4 days ago    |

Coach

 admin ▾

## Class

All classes › Clas... ▾



## RECENT



## EXAMS



## LEARNERS



## GROUPS

[Early math](#)
[Counting](#)
[Numbers 0 to 120](#)
[Numbers to 120](#)

## Numbers to 120







| Name  | Exercise progress ^         | Group     | Last activity |
|---|-----------------------------|-----------|---------------|
|  <a href="#">Mar'Da V Axenni</a>         | <div><div></div></div> 20%  | Explorers | 5 months ago  |
|  <a href="#">A Little</a>                | <div><div></div></div> 40%  | -         | 4 months ago  |
|  <a href="#">Hansen</a>                  | <div><div></div></div> 60%  | -         | 3 months ago  |
|  <a href="#">van der Schaar Martin H</a> | <div><div></div></div> 80%  | -         | 6 months ago  |
|  <a href="#">L Hovland</a>               | <div><div></div></div> 100% | Explorers | 4 months ago  |


Fig. 13: View the progress for a single exercise or resource in a topic.





To see the progress of a single learner, click their name. In the figure below you can see the progress of the learner **Hansen** for the exercise **Numbers to 120**. The exercise is still **In progress** as the learner has not completed the 5 correct answers in the row. You can also see that for the *Question 13* the learner has given the correct answer only on the 4th attempt, which indicates that they are still struggling with the given concept.

[← Back to Numbers to 120](#)


 **Hansen**


 **Numbers to 120**


 Completion: 5 out of 5 correct


 **In progress**  
3 months ago

**Answer history**

 **Question 3**





 **Question 9**

 **Question 11**

 **Question 13**

**Question 13 attempts**

1st answer

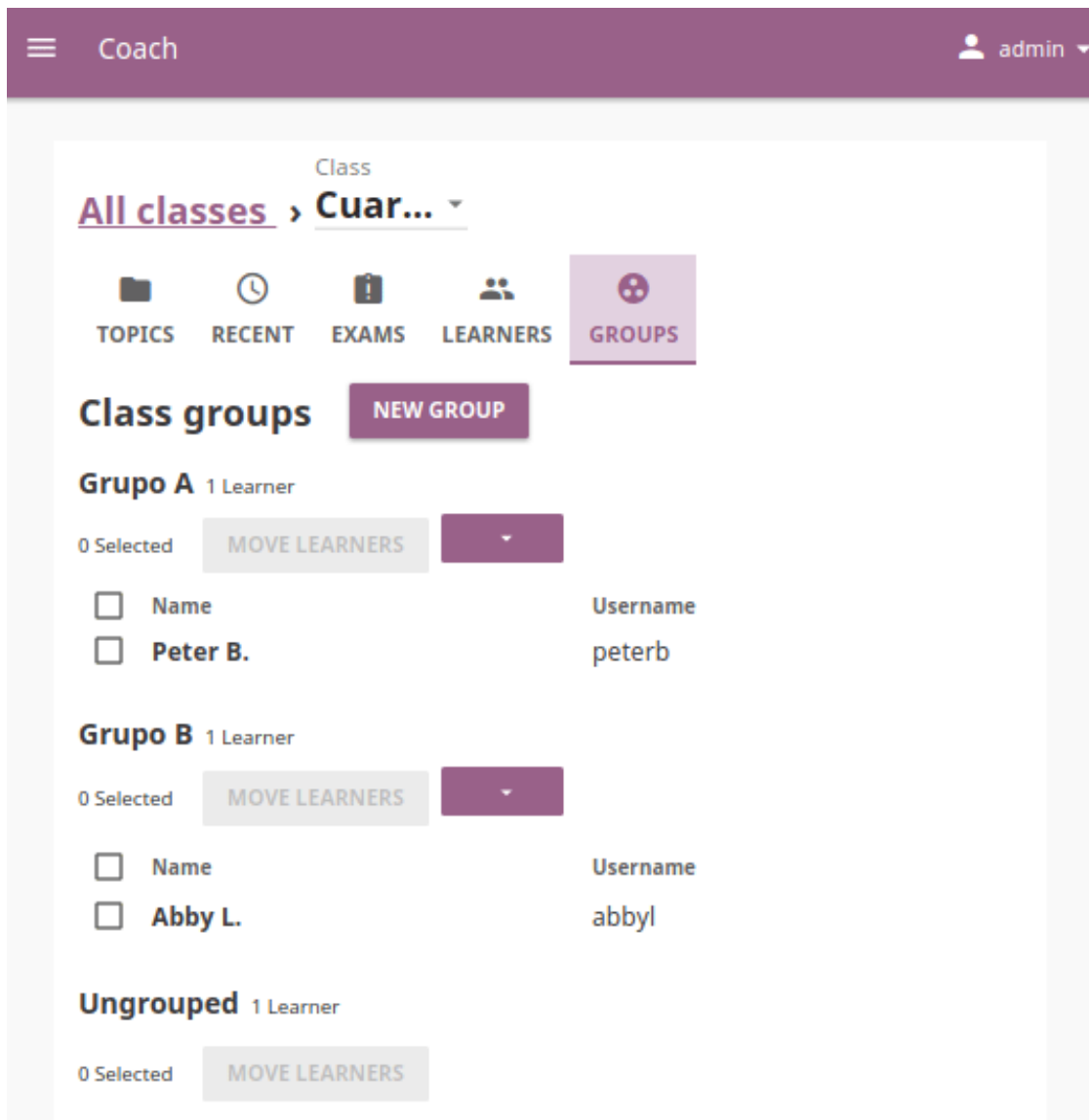
**What whole number comes right after 102?**

Fig. 14: View the details for all the answers and attempts for a single exercise.

### 3.4.3 Manage Groups

In case you need to further divide learners inside classes, for example to address the different progress needs or levels, you can use the **Groups** feature. Create and delete groups, as well as assign learners to them from the **Groups** tab in your **Coach** dashboard. Default view displays the list of all groups for the selected class, with the list of assigned learners for each group.






---

**Note:** To manage Kolibri groups you must sign in as **Super user**, **Admin** or **Coach**.

---

### Create a New Group

To create a new learner group, follow these steps.

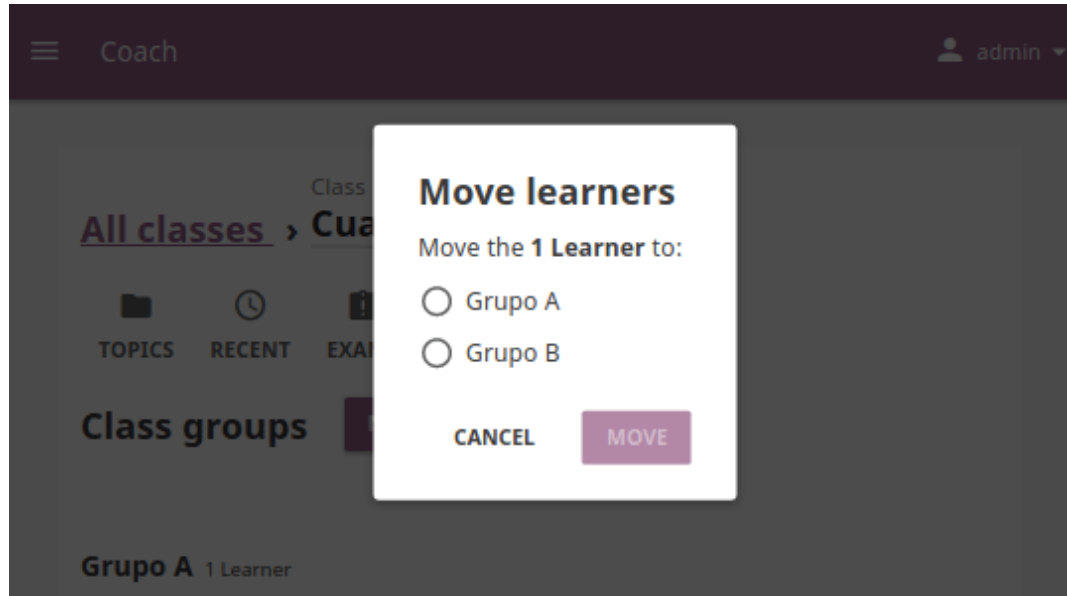
1. Click the **New group** button.
2. Give group a desired name.
3. Click **Save** to confirm, or **Cancel** to exit without creating a group.

### Assign Learners to Group

Below the existing groups there is a list with all learners currently **NOT** assigned to any groups.

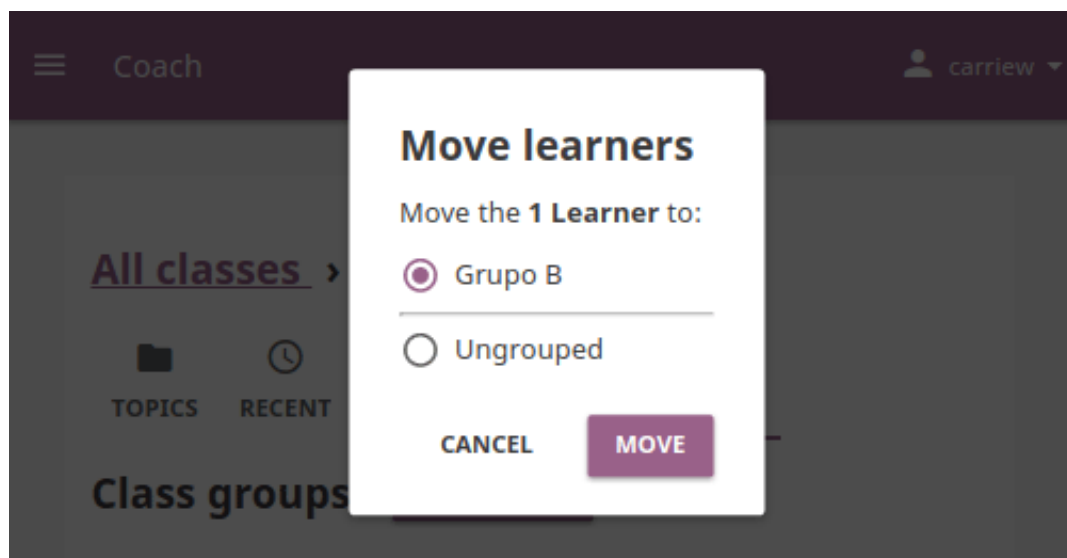


1. Use checkboxes to select all the learners in the list, or specific ones you want to assign to the group.
2. Click **Move learners** button on the right side of the list.
3. Select the group to which you want to assign the selected learners in the **Move learners** window.
4. Click **Move** to proceed, or **Cancel** to exit without assigning.



### Move learners between groups

1. Use checkboxes to select all the user in one group, or specific users you want to assign to another group.
2. Click **Move learners** button on the right side of the origin group.
3. Select the group to which you want to move the selected learners, or the **Ungrouped** option if you want to remove them from the origin group without assigning to a new one.
4. Click **Move** to proceed, or **Cancel** to exit without moving.





## Rename Group

To rename group, follow these steps.

1. Click the down arrow icon on the right edge of the desired group.
2. Select the **Rename group** option.
3. Input the new name for the group in the confirmation window.
4. Click **Save** button to proceed, or **Cancel** to exit without renaming the group.

## Delete Group

To delete a group, follow these steps.

1. Click the down arrow icon on the right edge of the desired group.
2. Select the **Delete group** option.
3. Click **Delete group** button in the confirmation window to proceed, or **Cancel** to exit without deleting the group.

---

**Note:** Learners currently assigned to group will become ungrouped.

---

## 3.4.4 Manage Exams

You can view, create and delete exams, as well as assign them to learners, using the **Exams** tab in your **Coach** dashboard. Default view displays the list of all exams in a selected class, with a series of options to set the visibility, (de)activate when required, and view report of students who took them.



The screenshot shows the Kolibri Coach interface. At the top, there's a purple header with a menu icon, the word 'Coach', and a user profile 'admin'. Below this, the main content area has a 'Class' dropdown set to 'Prim...'. Underneath, there are five tabs: 'TOPICS', 'RECENT', 'EXAMS' (which is highlighted), 'LEARNERS', and 'GROUPS'. The 'EXAMS' tab shows a section titled 'Primera 1D Exams'. On the left, there's a filter dropdown currently set to 'All', with a red arrow pointing to it. The dropdown menu is open, showing options: 'All', 'Active', and 'Inactive'. Below the filter, there's a list of exams: 'Crédito extra', 'exam3', and 'ExamX'. To the right of the list, there's a 'NEW EXAM' button and a table with columns 'Visible to' and 'OPTIONS'. The table rows are: 'Entire class' (with an 'OPTIONS' dropdown), 'Entire class' (with an 'OPTIONS' dropdown), and 'Nobody' (with an 'OPTIONS' dropdown).



**Note:** To manage **Exams** in Kolibri classes and groups you must sign in as **Coach** or **Admin**.

### Create New Exam

To create a new exam, follow these steps.


1. Click the **New exam** button.
2. Select the content channel from which you wish to select questions for the exam.
3. Click **Create exam** to confirm, or **Cancel** to exit the confirmation window.
4. Fill in the field for the exam title.
5. Fill in the field for number of questions you want the exam to contain.
6. Navigate through the topic tree and activate checkboxes of those exercises you want to include in the exam.
7. Click **Preview** button to view the result before finishing.





 Coach  carriew ▾


Class


All classes ▸ Cuar... ▾

 TOPICS

 RECENT

 EXAMS

 LEARNERS

 GROUPS

Create a new exam from Khan Academy Testing

Exam title

First Quarter 2

Number of questions

10

Select exercises to pull questions from

Khan Academy Testing

☒ Name

☒ Math 21 of 21 exercises selected

☒ Science 4 of 4 exercises selected

25 Exercises selected

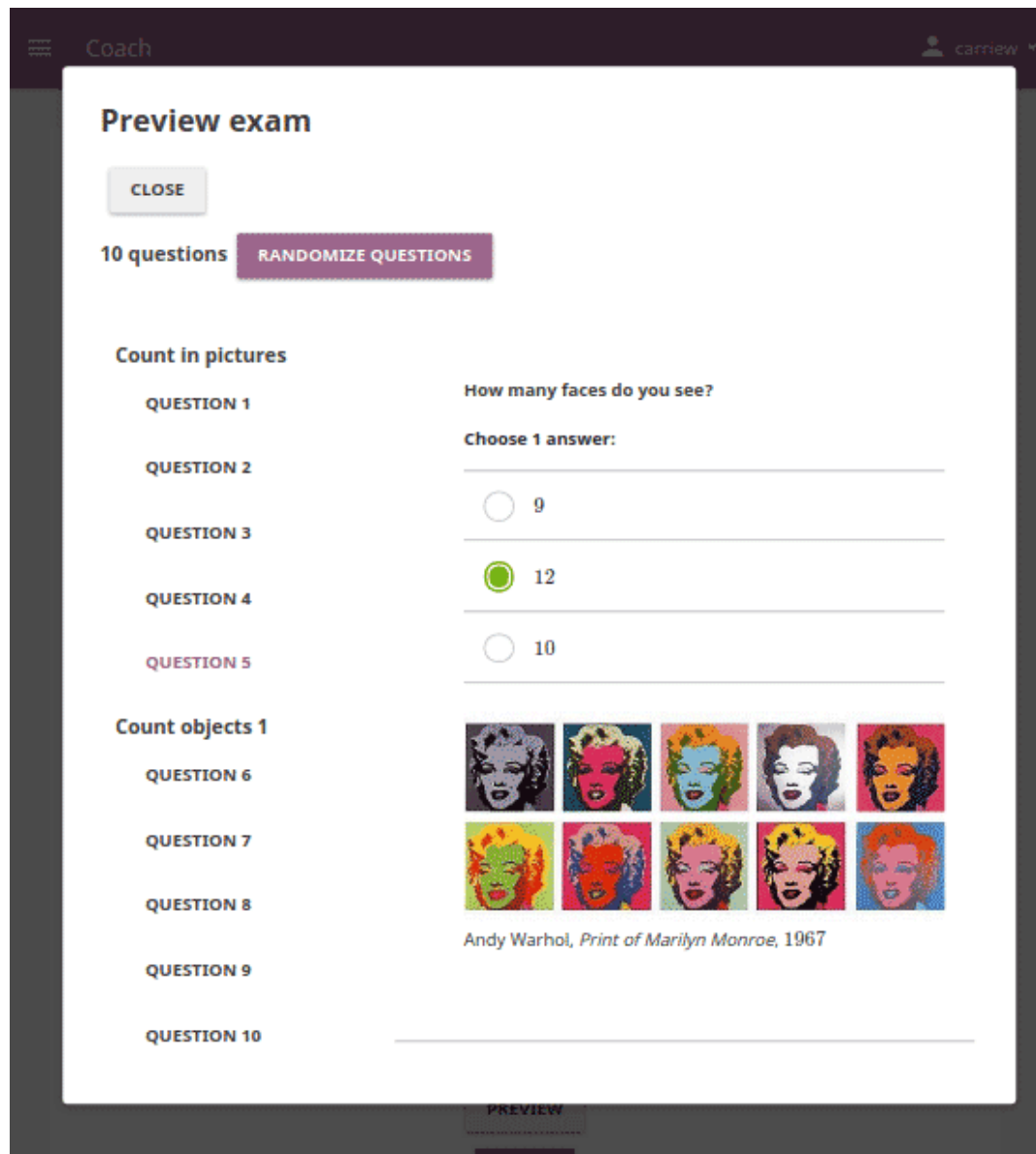
PREVIEW

FINISH

Added Khan Academy Testing

Fig. 15: As you keep adding the exercises you will see confirmation messages at the bottom.





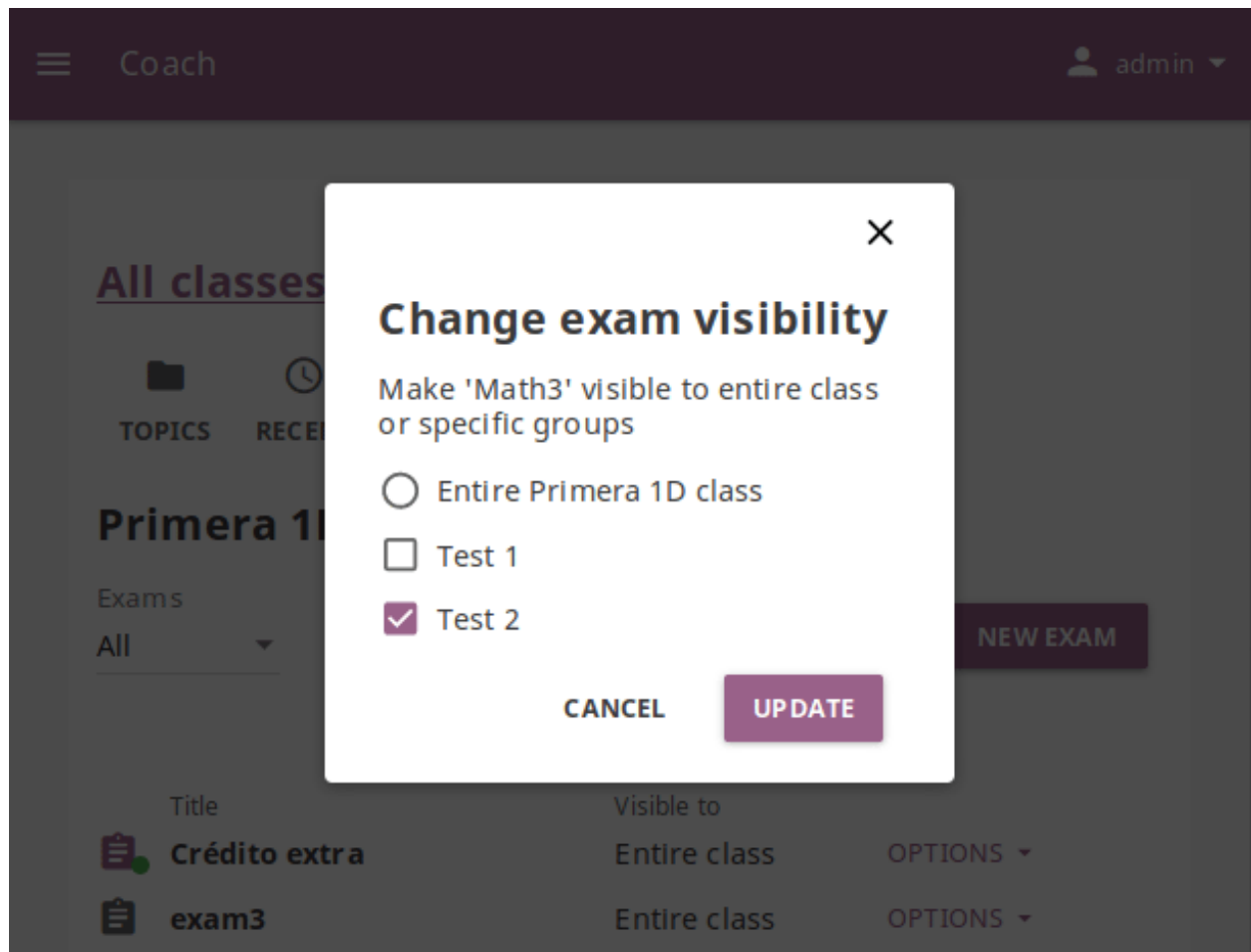
- Click **Randomize questions** button to present them in the different order from those in the topic origin.
  - Click **Close** button to return to the exam home page.
8. Click **Finish** button to save the result.

### Change Exam Visibility

Newly created exam will be visible to entire class by default. To assign an exam to one group of learners instead of the whole class, follow these steps:

1. Click **Options** for the desired exam and select the **Change visibility** option.
2. Select the group(s) of learners to whom you wish to assign the exam.
3. Click **Update** to confirm, or **Cancel** to exit the confirmation window.





### Activate/Deactivate Exam

Once you set the visibility of exam to the chosen group(s) of learners, you need to **Activate** it in order for it to appear in the **Learn** view of the learners to whom you assigned it.

- Click **Options** for the desired exam and select the **Activate** option.
- Click **Activate** to confirm, or **Cancel** to exit the confirmation window.
- When the exam period concludes, select the **Deactivate** option and confirm.

### View Exam Report

To view the report and scores for learners who have taken the exam, follow these steps.

1. Click **Options** for the desired exam and select **View report** option.



Coach admin

Class

All classes > Prim...

TOPICS RECENT **EXAMS** LEARNERS GROUPS

## Primera 1D Exams

Exams

All

**NEW EXAM**

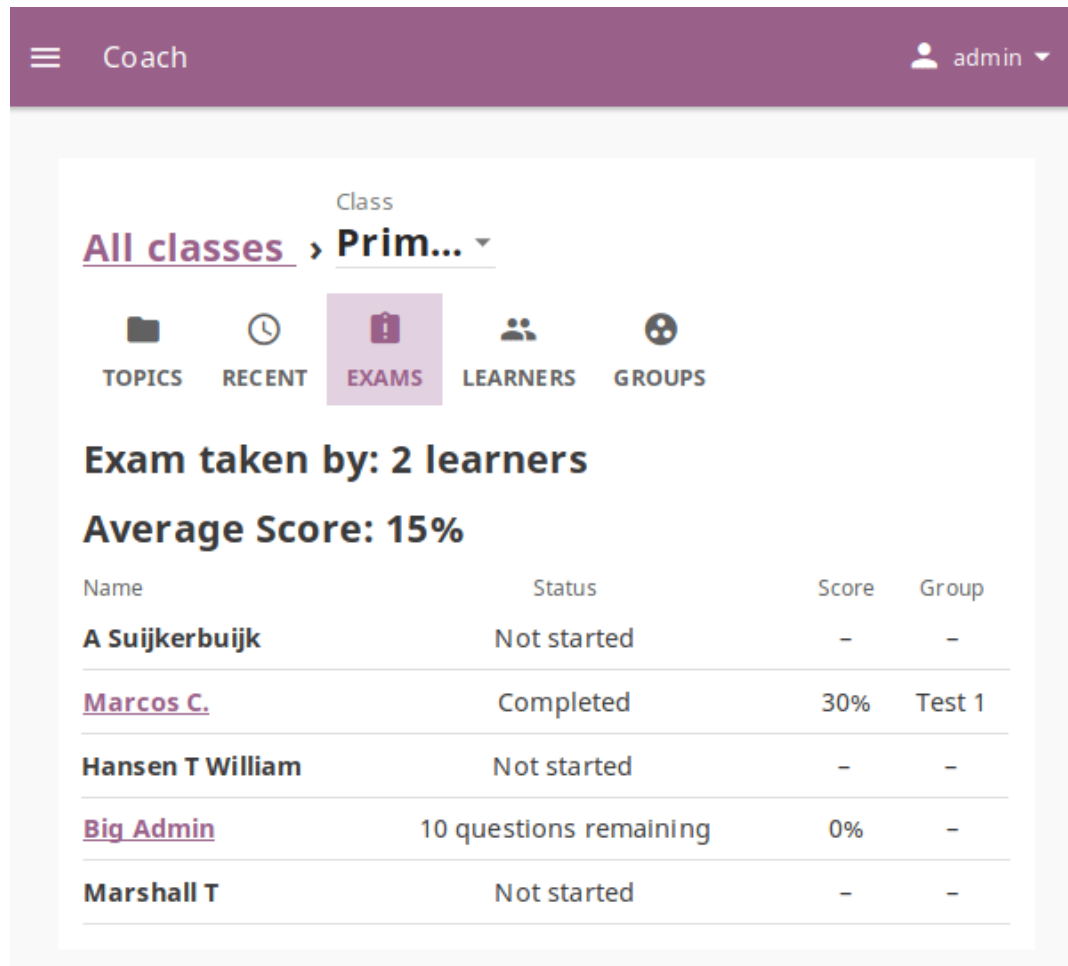
| Title                     | Visible to   |
|---------------------------|--------------|
| <b>Crédito extra</b>      | Entire class |
| <b>exam3</b>              | Entire class |
| <b>ExamX</b>              | Nobody       |
| <b>Math3</b>              | Entire class |
| <b>Primer trimestre</b>   | 1 Group      |
| <b>Test exam BeStrong</b> | 2 Groups     |
| <b>Test3</b>              | Entire class |
| <b>Test4</b>              | Entire class |

**OPTIONS**

- Deactivate
- Preview exam
- Change visibility
- View report
- Rename
- Delete

2. This view prominently displays the number of learners who already submitted the exam and their average score. It also presents the list of all the learners who had access to the exam, with the respective statuses and scores. Click the name of the learner to view the detailed report with preview of results for each question.





Coach admin

Class

[All classes](#) > [Prim...](#)

TOPICS RECENT **EXAMS** LEARNERS GROUPS

**Exam taken by: 2 learners**

**Average Score: 15%**

| Name                      | Status                 | Score | Group  |
|---------------------------|------------------------|-------|--------|
| <b>A Suijkerbuijk</b>     | Not started            | -     | -      |
| <a href="#">Marcos C.</a> | Completed              | 30%   | Test 1 |
| <b>Hansen T William</b>   | Not started            | -     | -      |
| <a href="#">Big Admin</a> | 10 questions remaining | 0%    | -      |
| <b>Marshall T</b>         | Not started            | -     | -      |

3. Click each of the questions to preview it and understand better which question learners answered correctly in the exam and how many attempts they had on each answer.



← Back to exam report for Test exam BeStrong

## 👤 Marcos C. - Exam Performance

Overall score: 30%

Questions correct: 3 of 10

★ Completed  
3 months ago

### Answer history

✖ Question 1

✖ Question 2

✔ Question 3

✔ Question 4

✖ Question 5

✖ Question 6

✔ Question 7

✖ Question 8

### Question 4 attempts

1st answer



What is your 'digital footprint'?

Choose 1 answer:



It is the opposite of your digital fingerprint



The digital trail left by everything you do online



The amount of electronic devices you buy in a year



The time you spend on your computer

### Delete Exam

To delete exam, follow these steps.

1. Click **Options** for the desired exam and select **Delete** option.
2. Click **Delete** button in the confirmation window to proceed, or **Cancel** to exit without deleting the exam.

**Warning:** All data from the exam you are deleting will be lost.

### Rename Exam

To rename exam, follow these steps.

1. Click **Options** for the desired exam and select **Rename** option.
2. Change the exam title in the confirmation window.
3. Click **Rename** button to proceed, or **Cancel** to exit without renaming the exam.



## 3.5 Learn with Kolibri

### 3.5.1 Access Kolibri

---

**Note:**

- If you are using Kolibri in your school, education center or facility, your coach or administrator will provide the instructions how to open the sign-in page, and username and password if necessary.
  - If you are using Kolibri on your own, outside an education center or facility, follow the instructions how to [Access Kolibri](#) according to your operating system.
- 

To sign in to **Kolibri** and start learning, follow these steps:

1. Type your username and password (may be optional).
2. Click the **SIGN IN** button.

**Warning:** If you start browsing Kolibri as a guest, you need either to select **Sign in** option from the **Guest** menu in the upper right corner, or from the sidebar menu (left or bottom) to open the sign-in page.

Once you have logged in into Kolibri, you can see and edit your user data from the **Profile** option in the main sidebar menu (below **Learn**).

**To sign out from Kolibri you can either:**

- Click the user icon in the upper right corner and select **Sign out** option, **OR**
- Select **Sign out** option in the main sidebar menu.

### 3.5.2 Learn with Kolibri

Each time you login into **Kolibri**, the first thing you will see is the **Learn** page. Here you will find learning topics and materials related to what you were doing the last time you used Kolibri, or those recommended by your teachers and coaches (not visible if you are browsing as a guest).

#### Recommended

In the **Recommended** tab you can see various sections:

- **Most popular** displays the most frequently used materials in your school or facility.
- **Next steps** displays suggestions according to topics and materials you previously visited.
- **Resume** displays activities that you started but haven't finished yet.
- **Featured in...** displays a preview of activities for each content channel you have access on Kolibri.



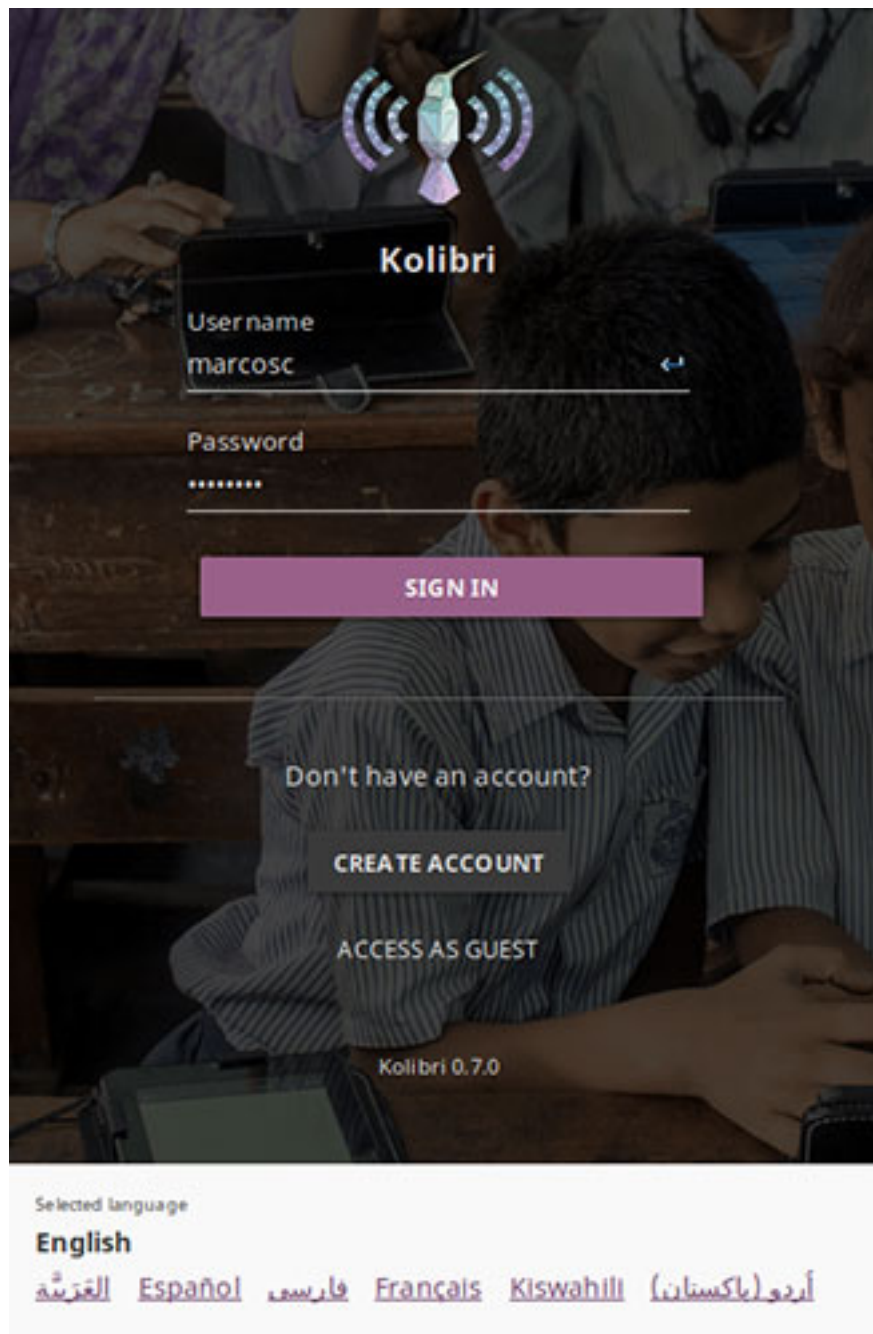





Fig. 16: Main sign in page.



 Profile  marcosc ▼

### Points

 **1,500**

### Role

Learner

Full name

Marcos C.

9/120

Username

marcosc

7/30

**SAVE CHANGES**

Fig. 18: View and edit your user profile.



---

**Note:** **Next steps** and **Resume** are not visible if you are browsing as a guest.

---

The number of displayed content items in each row will depend on the width of your display, but you can browse through with the and icons at the beginning and the end of the section rows.

## Channels

**Topics** tab offers you the option to navigate through the complete set of learning topics and materials available in Kolibri. Use it as you wish, or according to indications from your teachers and coaches.

Depending on how your school and teachers or coaches decided to organize the content, you may have one or more channels available here. Follow the indications by your teachers or coaches on how to use the content from each available channel.

## Navigate Kolibri topics with breadcrumb links

When you are browsing a topic in Kolibri, the **Breadcrumb** links indicate previously visited, more general topics. Current topic is at the last position, and you can click any of the previous links in the breadcrumb to go back to a specific broader topic.

## Search

If you are looking for a specific subject, topic, or term, use the **Search** feature:

1. Click the magnifying glass icon in the upper right corner.
2. Type the word or combination of words you are looking for in the search field.
3. Press **Enter** to display search results below the field.

## Content types

### Exercises

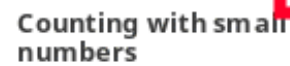
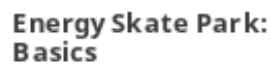
Kolibri **Exercises** can require you to do different things: fill in a missing number, write a formula, choose one of the available options, etc. Each correct answer gets you a check mark, and majority of exercises require 5 correct answers in a row to be completed. Some exercises can offer one or more hints, to help you solve the problem.

Independent of the required action (writing an answer yourself or choosing one of the options), these are the steps to follow.

1. **Read the question carefully.**
2. Write the answer or choose one of the provided options.
3. When you are ready to submit, click the **Check answer** button.
  - If the answer is correct and a check mark appears, click the **Next question** button to proceed.
  - If the answer is incorrect, click the **Get a hint** button, read the suggestions, and try to answer again.



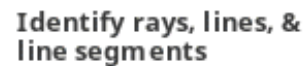
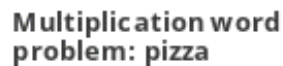
### Most popular



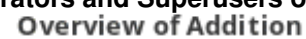
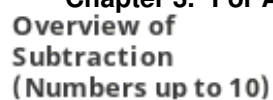
## Next steps

[View more](#)

## Resume



**Featured in CK-12 Testing**

[View more](#)



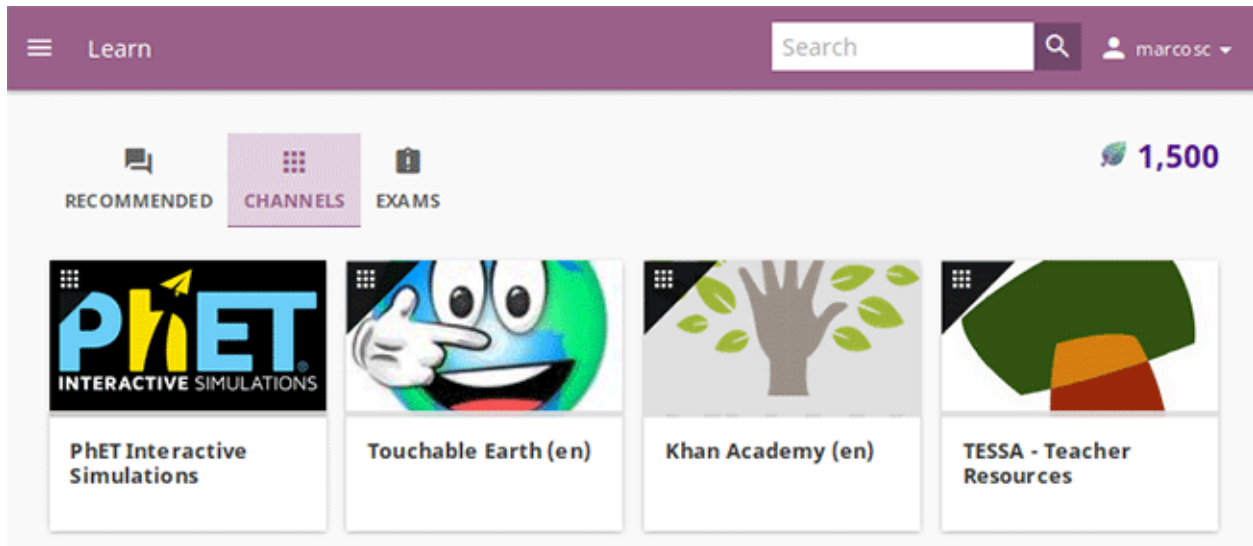


Fig. 20: Content in Kolibri is grouped in channels.

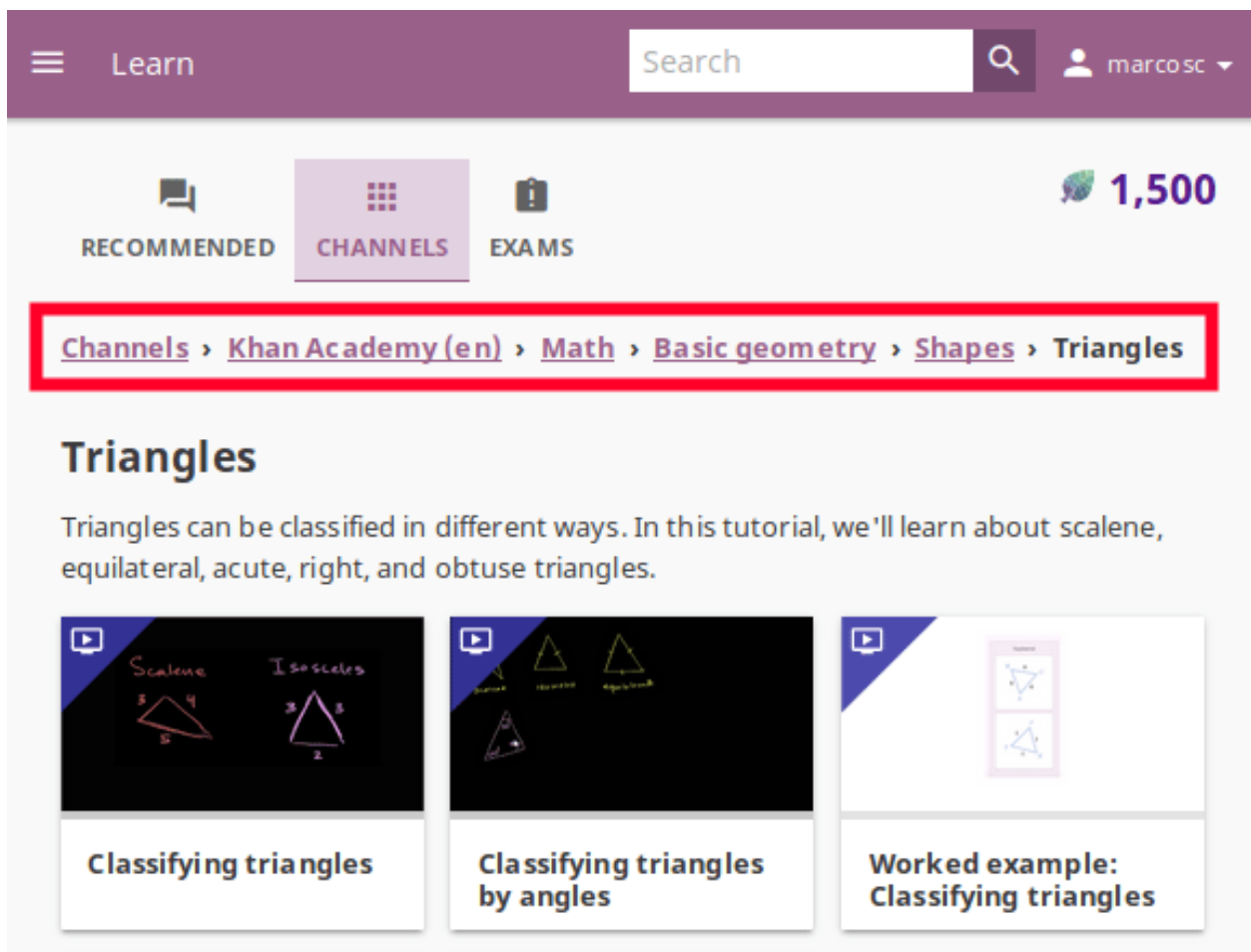


Fig. 21: Use breadcrumbs links to navigate back through Kolibri topics.



The screenshot shows the Kolibri user interface. At the top, there is a purple header bar with a hamburger menu icon on the left, the word "Learn" in the center, and a user profile icon with the name "marcosc" on the right. Below the header, there is a search bar with the text "cosine" and a magnifying glass icon. The search results are titled "Search results for 'cosine'". Below the title, there are two tabs: "Type" and "Channels". The "Type" tab is active, and a dropdown menu is open showing options: "All", "Topics", "Exercises", "Videos" (which is highlighted with a red arrow), "Audio", "Documents", and "HTML5 Apps". The "Videos" dropdown is open, showing a list of video results. The first video is titled "Intersection points of  $y=\sin(x)$  and  $y=\cos(x)$ ". The second video is titled "Sine & cosine identities: periodicity". The third video is titled "Intro to the trigonometric ratios". The fourth video is titled "Trig word problem: complementary". The fifth video is titled "Solving for a side with the law of".

Fig. 22: Search page gives you option to search for a specific term in Kolibri.



- The progress bar below the exercise is taking into account only the most recent answers you give, and that means that you need to have the required number of correct answers (*check marks*) **in the row** for the exercise to be considered completed.

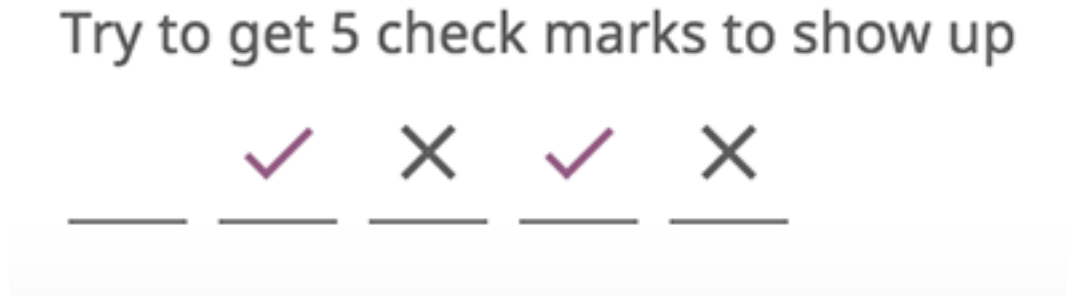


Fig. 23: The correct answers in the image above are not in a row; this exercise will be completed only after you give 5 correct answers one after another.

4. Once you have achieved the required number of correct answers in a row, click the **Next item** button, to continue learning with the rest of the material in that topic.
5. If you are unable to solve some questions, try reviewing the videos in the **Recommended** section below the exercise, or seek help from your peers or teacher/coach.

### Video and Audio Player options

To play videos and listen to audio files in Kolibri you have several available control buttons at the bottom of the player screen. Move the cursor or tap on the player screen to make appear the control buttons while playing.

(controls at the bottom of the player)

- Play/Pause buttons
- Rewind/Fast forward buttons by +/- 10 seconds
- Time tracker indicator with progress bar
- Video duration indicator
- Volume scrollbar
- Playback speed selector
- Display **closed captions** (subtitles)
- Fullscreen button

Use the **Download content** button below the player to download the video, audio and thumbnail files to your computer. Some videos will provide multiple resolution options.


### PDF Viewer options


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**Note:** Options for viewing PDF files will depend on the browser and operating system you are using to view Kolibri.


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 Learn


Search 

 marcosc

 RECOMMENDED

 CHANNELS

 EXAMS

 1,500

[Recommended](#) > Add 2-digit numbers by making tens




## Add 2-digit numbers by making tens

Complete to solve  $47 + 23$ .

$$47 + 23$$
$$= (40 + 7 \text{ } ) + 23$$
$$= 40 + (7 \text{ } + 23)$$



NEXT QUESTION

Try to get 3 check marks to show up:


  

Correct!


### Recommended

   
 $50 + 3 = 53$   
 $50 + (3 + 17) = 50 + 20 = 70$   
 $50 + 20 = 70$

Adding 53+17 by making a group of 10

  
Fill in the blank.  
 $9 + 61$  is the same as  $\text{ } + 60$

Add 2-digit numbers by making tens 2

  
Strategy that can be used to add  $35 + 15$ .  
Check all that apply.  
☐ Add 35 + 5 then add 10.  
☐ Add 30 + 20.

Strategies for adding 2-digit numbers

Fig. 24: Exercise page in Kolibri.



Learn Search marcosc

RECOMMENDED CHANNELS EXAMS 1,500

> Science > Biology > Intro to biology > The science of biology > The scientific method

### The scientific method

The Scientific Method

understanding of the

How the scientific method is used to ask questions and test explanations.

License: All Rights Reserved

DOWNLOAD CONTENT

Low Resolution (6.42 M...

Subtitle (19.08 KB)

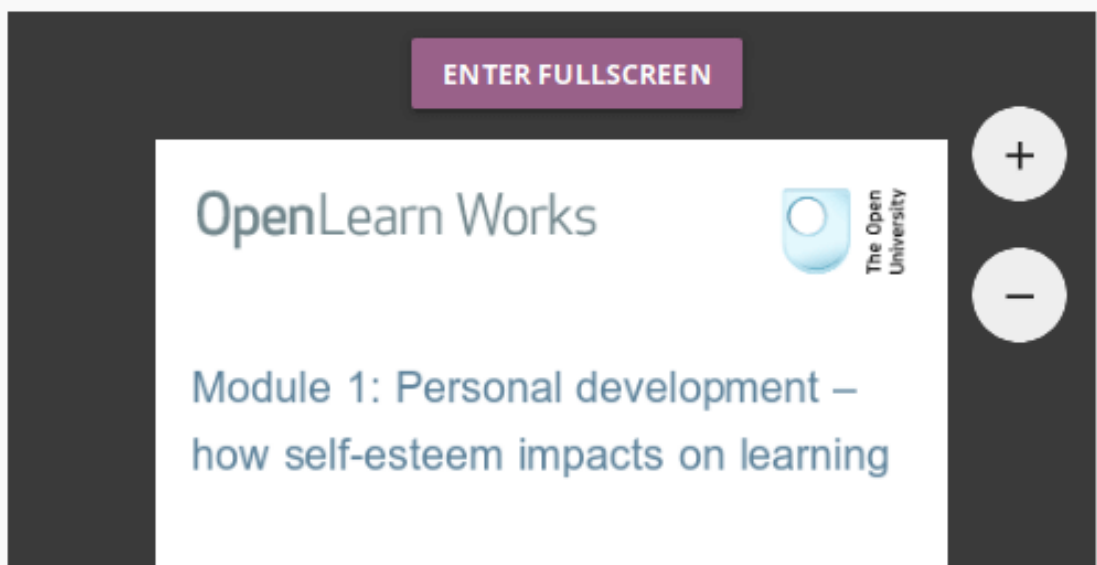
Fig. 25: Kolibri video and audio player.



- Use the **Enter fullscreen** button to open the PDF file in fullscreen view.
- Use the **Esc** key to close the fullscreen view and return.

▼ › **Module 1 Personal Development**

## Module 1 Personal Development ⌚




Use the **Download content** button below the PDF viewer to download the PDF file to your computer.


### Exams


If your teacher/coach scheduled an exam for you or your class, it will be available through the **Exams** tab. You may have more than one exam available at the time.

1. Press the button **Start** for the exam you are ready to start taking.
2. You can go on answering the questions in the order you prefer: move through questions with **Previous** and **Next question** buttons, or click on the question number in the column on the left side.
3. Each time you fill in the answer field, or select one of the available options, the question will be marked by a colored dot in the column on the left side.
4. You can review and correct your answers to all questions as many times you need before submitting.
5. Press the *Back to exam list* if you want to pause the exam and come back later.
6. Press the button **Continue** to resume when you are ready.
7. Press the button **Submit exam** when you are positive that you answered all the questions, and you want to submit it for grading.



 Learn

Search 








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 RECOMMENDED CHANNELS EXAMS 1,500[← Back to exam list](#)

### Math3

4 of 10 questions answered

[SUBMIT EXAM](#)

-  Question 1
-  Question 2
-  Question 3
-  Question 4
-  Question 5
-  Question 6
-  Question 7

Marcus sails due north and Sandra sails due east from the same starting point. In two hours, Marcus's boat is 35 miles from the starting point and Sandra's boat is 28 miles from the starting point. How far are the boats from each other? Round to the nearest hundredth of a mile.

**Choose 1 answer:**



- ☐ The boats are  $\approx 40.82$  *mi* apart after two hours
- ☒ The boats are  $\approx 35.82$  *mi* apart after two hours
- ☐ The boats are  $\approx 28.82$  *mi* apart after two hours
- ☐ The boats are  $\approx 44.82$  *mi* apart after two hours

[PREVIOUS QUESTION](#)[NEXT QUESTION](#)










## Exams

You have 2 exams assigned

|  |                  |                 |
|--|------------------|-----------------|
|  <b>Final Math Second Grade</b> | 4 questions left | <b>CONTINUE</b> |
| <hr/>  |                  |                 |
|  <b>Support Test 1</b>          |                  | <b>START</b>    |




8. You will see instant feedback with the result of your exam.

 Learn
 

 marcosc

 RECOMMENDED
  CHANNELS
  **EXAMS**
 **1,500**

## Exams

You have 4 exams assigned

|   |                     |                 |
|---|---------------------|-----------------|
|  <b>Math3</b>            |                     | <b>START</b>    |
| <hr/>   |                     |                 |
|  <b>Primer trimestre</b> | 7 questions left    | <b>CONTINUE</b> |
| <hr/>   |                     |                 |
|  <b>BeStrong Review</b>  | <b>3/10 correct</b> | <b>30%</b>      |

## 3.6 Frequently Asked Questions

### 3.6.1 How much does Kolibri cost to install?

It is FREE – both free as in “free speech” and free as in “free beer”! To learn more about free software, see this [Free Software Foundation](#) article.



### 3.6.2 Do I need the internet to run Kolibri?

Short answer: **No!** You can bring or send a storage device (USB or HDD unit) with Kolibri installer and content channels downloaded somewhere with available internet connection, and install everything on an completely offline device.

In a nutshell, Kolibri can run independently of internet availability, but you need to procure the installer and content channels from somewhere for the initial installation and for subsequent upgrades.

One possibility is to have Kolibri installed in one location with internet connection, where you can import content channels from [Kolibri Studio](#) (curriculum tool and content curation server), and then export them to removable USB drives that you bring or send to offline locations (rural schools, refugee camps, etc.) to import locally.

### 3.6.3 What languages is Kolibri available in?

Both Kolibri and [Kolibri Studio](#) are translation-ready and currently available in these languages:

| Language           | Kolibri     | Kolibri Studio |
|--------------------|-------------|----------------|
| English            | ✓           | ✓              |
| Spanish (Spain)    | ✓           | ✓              |
| Spanish (Mexico)   | (✓ ver 0.5) | ✓              |
| French             | ✓           |                |
| Swahili (Tanzania) | ✓           |                |
| Arabic             | ✓           |                |
| Farsi              | ✓           |                |
| Urdu (Pakistan)    | ✓           |                |
| Hindi              | (✓ ver 0.4) |                |

To contribute to Kolibri and Kolibri Studio as a translator, you can get started over on our [translations and internationalization](#) page.

### 3.6.4 What are the typical deployment scenarios?

There is no typical deployment scenario. However, we can share with you what we've learned from our community of KA Lite and Kolibri users. A typical school deployment varies depending on whether or not a school already has a computer lab.

- **School with an existing computer lab:** In this case, Kolibri would be deployed as a server on one of the existing computers. Students would connect using client devices over the local network.
- **School with no existing computer lab:** For schools that do not have an existing computer lab, a Kolibri deployment would involve obtaining a device that can run as a Kolibri server (most computers) and other devices to be used as clients. One common configuration is using a Raspberry Pi or other inexpensive computer as a server and relatively cheap tablets as client devices.

### 3.6.5 What are some possible hardware configurations for deploying Kolibri?

To deploy Kolibri for multiple users you will need:

1. **Server device:** a computer that is running the Kolibri software (e.g. a desktop computer, laptop, or Raspberry Pi).
2. One or more **client devices** that have web browsers (laptops, tablets, desktop computers, etc)



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**Note:** For a single-device deployment (1) and (2) can be the same computer, with the browser connecting to the locally running Kolibri server. To make the software accessible to multiple client devices, you will need to put them on the same local network as the Kolibri server device (1), e.g. through a WIFI access point.

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To read more details, see the full [Kolibri Hardware Guide](#) and examples of [Hardware Configurations for Kolibri](#) (PDF documents).

### 3.6.6 How can I generate content aligned to local curriculum?

Use [Kolibri Studio](#) curriculum tool to curate content channels aligned to your local requirements. Once you finish creating the channels on Studio, you can import them on all your Kolibri deployments for use in learning environments.

### 3.6.7 Bulk Downloads of Content Channels

Coming soon!

At this time we do not support bulk downloads of content channel outside the Kolibri platform. In the near future, we will consider offering bit torrents for certain global content channels.

### 3.6.8 Something isn't working!

Refer to the [Troubleshoot and Support](#) section of this guide.

### 3.6.9 Who maintains the Kolibri project?

Kolibri is created, maintained, and operated by [Learning Equality, Inc](#), a California-based nonprofit organization.

### 3.6.10 How do you operate in the field?

The Learning Equality team primarily works in our San Diego offices, building software and shaping our road map based on our interactions with our partners around the world. We work with individual humanitarians and NGOs of all sizes to help them distribute Kolibri to offline communities around the world, and will work on site for research and training purposes.

### 3.6.11 What is Kolibri's affiliation with Khan Academy?

Kolibri is an independent, open-source project maintained by [Learning Equality](#), and is not officially affiliated with Khan Academy, although they are very supportive of the Kolibri project, and are one of our key partners.

### 3.6.12 Can I contribute to Kolibri as a developer?

Yes! Kolibri is an [open source project](#), and developers are encouraged to contribute!



### 3.6.13 Can I contribute to Kolibri as a translator?

Yes, absolutely! To contribute to Kolibri and Kolibri Studio as a translator, you can get started over on our [translations and internationalization page](#).

### 3.6.14 How do I find out more about LE and Kolibri?

To stay up-to-date on all our activities, follow our [blog](#), [Twitter](#), and [Facebook](#)!