# ☑ KoboToolbox

The field data collection toolkit for challenging environments

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Committed to improving humanitarian and development data collection globally

### Topics

### **PART I - NEW FEATURES**

- Dynamic Data Attachments / Basic Case Management
- Public Collections
- Bulk Data Editing
- Template Locking
- Integrated Audio Recording
- Two-factor Authentication

### **PART II - DESIGN & UPCOMING**

- Formbuilder Improvements
- Auto-Report Enhancements
- Usage Study
- Team / Organization Level Views
- Transcription & Translation Features
- Qualitative Data Analysis
- User Support & Training Options

Part I
New features recently rolled out

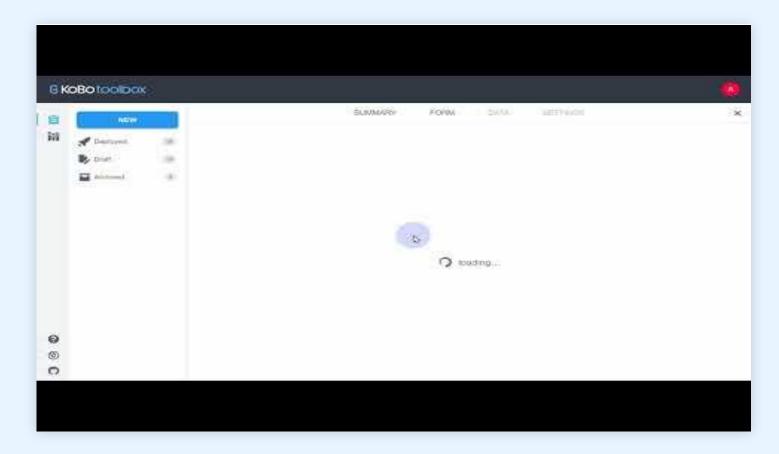
# Dynamic data attachments / basic case management

Dynamic data attachments allows you to implement basic case management by pulling data from one project into another

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# **Public collections**

Public Collections are user contributed question templates that everyone can use to quickly create forms



# Bulk data editing

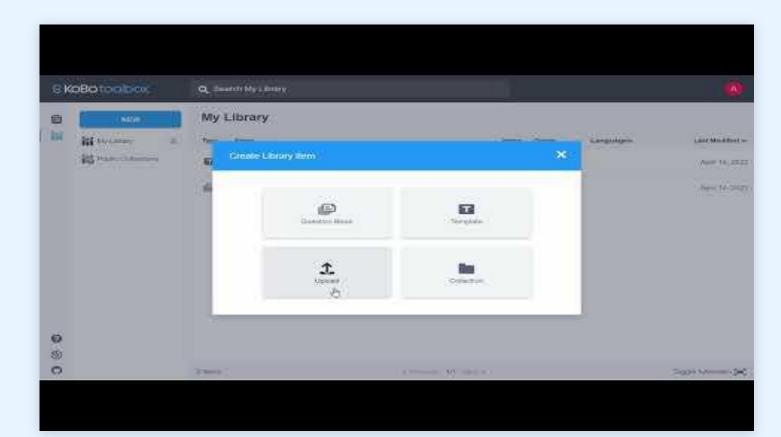
Now you can edit multiple form submissions in the data table using the new **Bulk Data Editing** feature

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Part I **Q&A** 

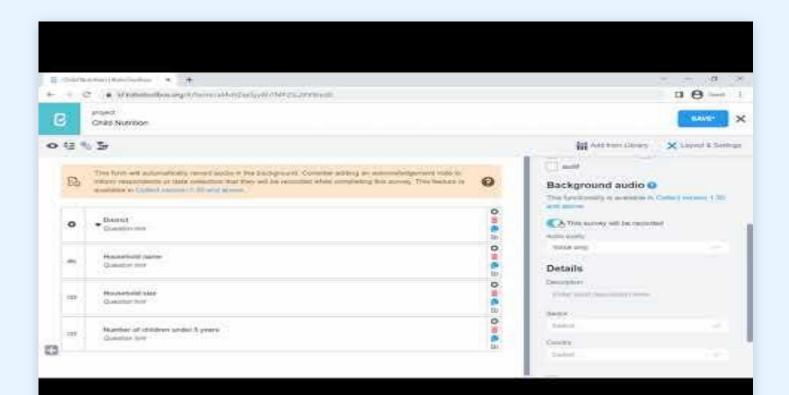
# **Template locking**

The new Template Locking feature allows you to share form templates with restrictions of what can be edited and what shouldn't be



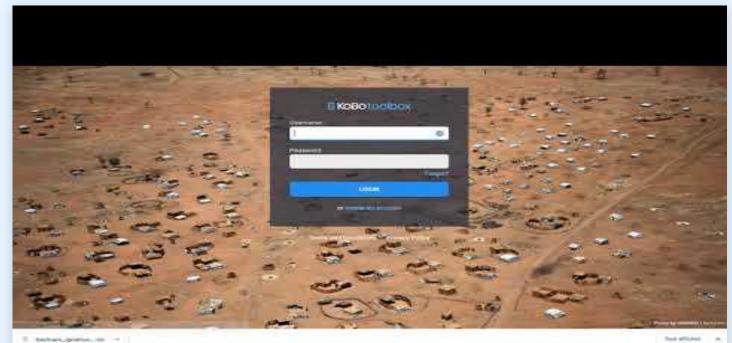
# Integrated audio recording

Now you can record audio within KoboCollect - no need for a separate audio recording app



### **Two-factor authentication (2FA)**

Two-Factor authentication provides an additional layer of security to your data



Part II **Q&A** 

Part II
Design research & upcoming features

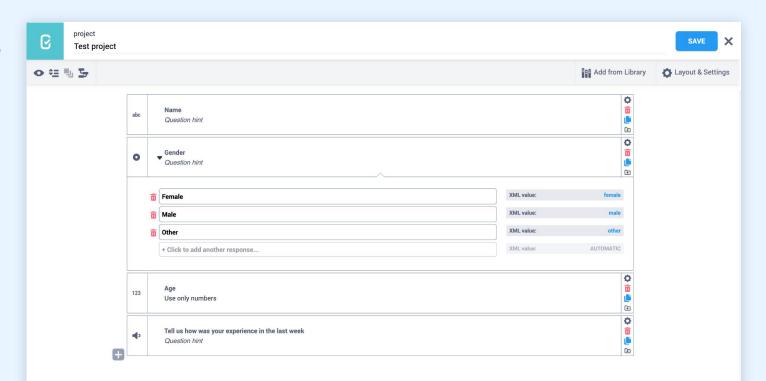
# Formbuilder improvements

Research and design of the future of the Formbuilder

Addressing the most requested needs from the community

Emphasis on accessibility, ease of use, and intuitiveness

Preliminary technical work and updates to the code.

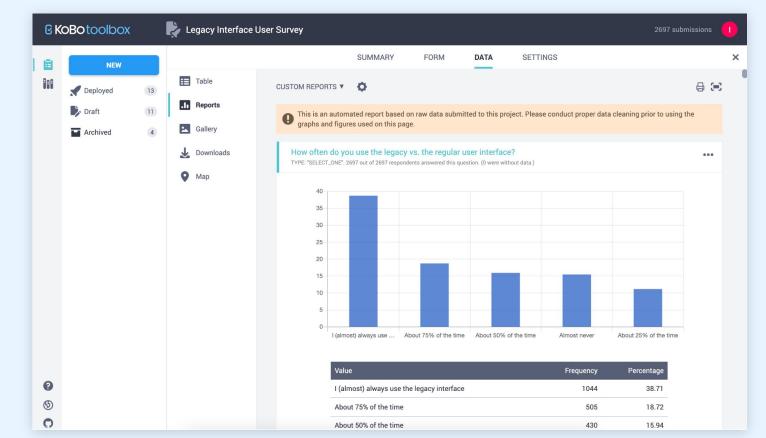


### Auto report enhancements

Preliminary research to improve reports

User research and design on next phase

Emphasis on easier exports and customization, exploring new ways of creating graphs



### Usage study in partnership with UNHCR

Better understand the needs of larger organizations, from the global to local level.

Identify most used features and greatest challenges

Obtain feedback prioritize needs and develop a development roadmap.

· Case management for historical data - Follow up surveys repeating the same form over periods of	
time and linking previously collected data	
<ul> <li>More customizable downloads (i.e. labels and xml values)</li> <li>Improvement of the Reports section - easier access, more options and better UI</li> </ul>	
Ability to customize forms using CSS and JS	
For more detailed information, a PowerBI visual summary of the results can be found here.	
Key insights	ich of en
Recurrent issues and challenges	
User management and permissions	/hile
Management of users in a project continues to present multiple challenges. The system of permissions is	1
insufficient to effectively manage large teams or assign tasks. Most common issues are not being able to	
see information about users beyond username, not being able to change ownership of a project, or having to add users one by one.	
Projects monitoring	hany do it
Particularly at the regional level, this is a recurring issue. There is no system to keep track of all the projects	hay
in the region, or have access to high level information about these projects.	s in
Tracking changes and version history	int,
Large teams often make changes to the form design, or edit the data collected afterwards. In both cases it	;
is difficult to know when these changes happened and who made them. Knowing who made what changes	
and when can allow large teams to collaborate more efficiently.	
Manage multiple related projects (topic related or historical data)	
Often projects (forms) are repeated periodically and data needs to be contrasted with data from previous	Other
nterviews. In other contexts, surveys simply overlap or complement each other and access to both before,	
Juring or after the interview is necessary. This is still complicated to manage properly in KoBoToolbox. Other regional managers also expressed the difficulty of managing the large number of projects they have	
to oversee. Having a way to group related projects or filter the list of projects more effectively would save	some
nuch time.	vith
Uploading lists of respondents	
Often projects have a predetermined list of responders to interview, with their contact information and	
elevant data. At the moment, there is no system to upload or use this data in KoBoToolbox, it needs to be	ss to
nanaged externally.	ed the
	only
	l.
project owners to have the option deactivated, or having to create separate accounts, which i challenges and security vulnerabilities.	ncreases

#### High priority

#### Project / team management

regional super-admins

Expose project meta details to

Install Django report builder to expose

project meta details for superadmins

Creation and management of data collector accounts

and supervisors of those enumerators.

Create easier ways to create accounts (and manage those accounts) for enumerators

#### Security improvements

#### Single Sign On (SSO) / Integration with Active Directory

Some organizations running KoboToolbox servers need their staff to log in with Active Directory. Interested organizations include UNHCR, World Bank, MSF, among others.

### Project dependent temporary users

Allowing the creation of profiles directly tied to a project. These profiles would be deleted once the project is archived.

Medium priority

#### Require 2FA for all users of a

#### given server / team

Allow admins of a given organization to enforce the use of 2FA for all users that are part of that organization.

#### Enforcing password complexity for users

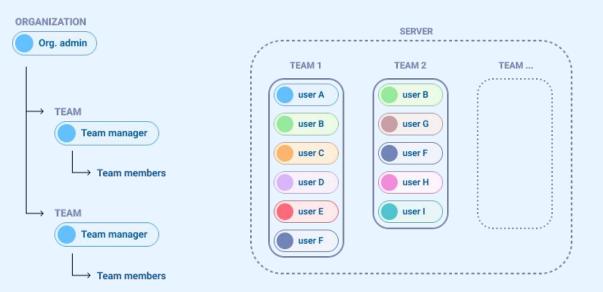
It would be good if the Create an account

### Team/organization level views

Addresses organizational needs for transparency and team hierarchies

Higher data security across teams

Ensures the correct forms, sharing settings, and metadata are used across a team / organization



### **Transcription & translation features**

Collect more open-ended responses

Deeper understanding of affected people

Transcribe automatically or manually

Translate transcripts, notes, text responses

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Italian, Italy • Machine generated 2 mins ago	1 1	name_of_the_file_0001.mp3	show more 🔻
È stato un anno impegnativo, ma nel complesso mi è piaciuta la sfida. La situazione nel paese è molto diff qui sentono lo stress e il disagio psicologico. Ma ce la caviamo, fondamentalmente perché ci sosteniamo vicenda e ci assicuriamo che ci sia una buona atmosfera. Il momento peggiore è stato a marzo, quando st accadendo il peggio della crisi. Ero appena arrivato e non sapevo cosa fare o come gestirlo, ma Olivier mi aiutato a superarlo. Mi sento fortunato ad averlo qui con noi. L'unica cosa che cambierei è l'ufficio. Non ab abbastanza scorte, spazio o internet per il lavoro che dobbiamo fare, abbiamo bisogno di una messa a pur	tutti a tava ha davvero obiamo	<ul> <li>D:00</li> <li>Submission</li> <li>Name</li> <li>Alessandro de Simone</li> <li>Upload a picture of your working space</li> <li>File uploaded</li> <li>Select your duty station</li> <li>Cameroon</li> <li>What languages can you speak fluently?</li> <li>Italian, English, French</li> </ul>	1:21 choose fields

# **Qualitative data analysis**

Quickly turn qualitative data into actionable insights

Manual tagging at first

Automated summaries

ii abc Brief summary of the audio     Refugee who travelled from Afghanistan by foot. Extremely difficult journey. Husband died along the way.   Multiple cases of abuse, particularly near national borders. Dire need of water and food.     Submission   choose field   Start   May 23, 2022 11:51:52   End   May 23, 2022 12:43:07			name_of_the_file_0001.mp3	show more 💌
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Multiple cases of abuse, particularly near national borders. Dire need of water and food.  Start May 23, 2022 11:51:52 End May 23, 2022 12:43:07	ii abc Brief summary of the audio	✓		
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Select your duty station Cameroon				

### Data security

- ISO 27001 policies and audits
- Data Processing Agreements for GDPR compliance
- Industry best practices for encryption in transit and at rest
- Dedicated data security officer
- Transparent documentation of all policies and data security measures on the website at

https://support.kobotoolbox.org/is\_my\_data\_safe.html

#### C KoBotoolbox

# KoboToolbox data security measures: Keeping your data safe

#### Last updated: 6 Apr 2022

We take data protection very seriously. Data security means protecting our users' data from any threats that may exist. This article summarizes some of our administrative, physical, organizational, and technical measures for enforcing data security on the KoboToolbox servers maintained by Kobo, Inc., the nonprofit organization behind KoboToolbox.

We are fully compliant with the European Union's General Data Protection Regulation (GDPR). If you are located in the European Union, you can sign a data processing agreement (DPA) here.

#### Confidentiality

#### Physical Access Control

Physical access control measures, amongst others, are implemented by Amazon Web Services (AWS), which
is used to host our KoboToolbox servers. These measures include, for example, video surveillance and
physical security of server and network facilities, maintaining key card access control, limiting access to only
authorized personnel. For a full list of details about AWS technical and organizational measures for physical
access control, see this article on data center controls provided by AWS.

#### Electronic Access Control

- All KoboToolbox accounts are password-protected. Users are provided visual feedback about the complexity
  of their password, which encourages them to select a stronger password when applicable. Only encrypted
  password hashes are stored on the KoboToolbox server, utilizing the default open-source framework provided
  by Django, which uses the PBKDF2 algorithm with a SHA256 hash. Plain text passwords are never saved on
  the server.
- · All database content is encrypted at rest (disk-level encryption).
- · Data sent to the server is encrypted in transit using SHA-256 with RSA encryption.
- Users can choose to also enable encryption of their project data (data-level encryption) which renders it
  inaccessible at all stages of data processing and requires a private key to decrypt it locally.

#### Internal Access Control

 Only authorized system administrators can access the KoboToolbox Server. They may only do so for the express purpose of updating installed software or maintaining the server infrastructure.

### User support and training options

Introducing professional support options

Dedicated user support staff

Professional training for beginners, intermediate, and advanced users

### Support

Vibrant community forum Self-serve learning base with tutorials, documentation, and training videos Online training course and certificate Standard support (troubleshooting) Advanced support (forms, integrations, etc.) Priority response timing Access to immediate support through chat

### **Professional training**

Consultations with KoboToolbox experts Custom training sessions

Always free	Advanced	Pro	Enterprise
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~	~	<b>v</b>	✓
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			✓
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Part III
Q&A

Get in touch: info@kobotoolbox.org