
Workshop: Building a Zooniverse Project

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1. Making a new project

Create a new project

The screenshot shows the Zooniverse website interface. At the top is a black navigation bar with the Zooniverse logo and menu items: PROJECTS, ABOUT, GET INVOLVED, TALK, BUILD A PROJECT, and NEWS. On the right side of the navigation bar are NOTIFICATIONS, MESSAGES, and the user name COLEMAN KRAWCZYK with a dropdown arrow. Below the navigation bar is a section titled 'YOUR PROJECTS' containing a list of six projects, each with a thumbnail, a title, and 'Edit' and 'View' action buttons. The projects are: 'A question task project', 'cluster test', 'Demo Porject', 'test empty stats page', 'testing', and 'Twitter Emotions'. Below the project list is a horizontal menu with six items: 'Create a new project' (highlighted in green), 'How-to', 'Glossary', 'Policies', 'Best Practices', and 'Project Builder Talk'. A dark teal arrow labeled 'Step 1' points upwards from the 'BUILD A PROJECT' menu item to the 'YOUR PROJECTS' section. Another dark teal arrow labeled 'Step 2' points downwards from the 'YOUR PROJECTS' section to the 'Create a new project' button.

Enter project details

test empty stats page

testing

Twitter Emotions

Create a new project

COLLABORATIONS Page 1

AnnoTate by Roger Hutchings

Anti-Slavery Manuscripts by bostonpubliclibrary

Diagnosis London by Jim O'Donnell

Ducks (20/06/2016, 13:57:37) by alextoddl

Frog Finder by jeremysakstein

PROJECT NAME

CS summer school demo

SHORT DESCRIPTION

Testing out the project builder

INTRODUCTION

Anyone can build their own project

Cancel Create project

Builder Talk

Step 3

Edit View

Edit View

Edit View

Edit View

Edit View

Edit View

Edit View

Edit View

Project details

View project

Project details

About

Collaborators

Field guide

Tutorial

Media

Visibility

Talk

Data Exports

Workflows

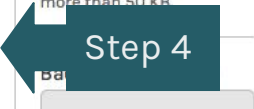
Subject Sets

Input the basic information about your project, and set up its home page.

Avatar

Drop an avatar image here

Pick a logo to represent your project. To add an image, either drag and drop or click to open your file viewer. For best results, use a square image of not more than 50 KB.




NAME

The project name is the first thing people will see about the project, and it will show up in the project URL. Try to keep it short and sweet. Your project's URL is </projects/cm24/cs-summer-school-demo>

DESCRIPTION

This should be a one-line call to action for your project that displays on your landing page. Some volunteers will decide whether to try your project based on reading this, so try to write short text that will make people actively want to join your project. 269 of 300 characters remaining.

INTRODUCTION

Anyone can build their own project

2. Uploading subjects



New subject set

SUBJECT SETS

Subject sets are a group of data presented to volunteers in a project.

No subject sets are currently associated with this project.

← Step 5

Uploading subjects

We strongly recommend uploading subjects in batches of 500 - 1,000 at a time. When uploading large numbers of subjects, we recommend using our [Panoptes command line interface](#) or our [Panoptes Client package for Python](#) rather than the web portal.

NAME

A subject set's name is only seen by the research team.

This set contains 0 subjects:

Page of ?

Drag-and-drop or click to upload manifests and subject images here (you must select the media files as well as the manifest)

Manifests must be `.csv` or `.tsv`. The first row should define metadata headers. All other rows should include at least one reference to an image filename in the same directory as the manifest.

Headers that begin with "#" or "/" denote private fields that will not be visible to classifiers in the main classification interface or in the Talk discussion tool.

Headers that begin with "!" denote fields that will **not** be visible to classifiers in the main classification interface but **will** be visible after classification in the Talk discussion tool.

Subject images can be up to 1000KB and any of: `.jpg`, `.jpeg`, `.png`, `.gif`, `.svg`, `.mp3`, `.m4a`, `.mpeg` and may not contain `/`, `\`, `:`, `,`

Upload 0 new subjects



Step 6

Manifest

my_id_number	image_name_1	ori...	link	attribution	license	other
1	6672150457_420d61007d_b.jpg	Flickr	https://www.flickr.com/pho	Moyan Brenn	Creative Common:	sleepy striped kitteh is unsuspecting of paparazzi
2	8300920648_d4a21bba59_z.jpg	Flickr	https://www.flickr.com/pho	Moyan Brenn	Creative Common:	grandfather kitteh has ear hair. a lot of it
3	6713782851_82fc8c73e5_z.jpg	Flickr	https://www.flickr.com/pho	hehaden	Creative Common:	juvenile kittehs practice break-in at the catnip factory
4	8762013777_1fa7d91e98_z.jpg	Flickr	https://www.flickr.com/pho	David Barber	Creative Common:	hunter kitteh only willing to go so far to capture the feather duster
5	8556948660_807cb1f8db_z.jpg	Flickr	https://www.flickr.com/pho	Beverley Goodwin	Creative Common:	shoelace kitteh tired from tying knots without opposable thumbs
6	2378810491_f8058ce157_z.jpg	Flickr	https://www.flickr.com/pho	k23	Creative Common:	fierce kitteh suddenly wonders what else this toy gets used for
7	5205217308_de72e18894_z.jpg	Flickr	https://www.flickr.com/pho	Nicole Doherty	Creative Common:	sad kitteh not want to be sent back because of huge paw
8	2875838880_f671d848e6_z.jpg	Flickr	https://www.flickr.com/pho	Robert Parviainen	Creative Common:	bathtub kitteh warns you to stay away from the tap
9	4079875735_a4dc53c290_z.jpg	Flickr	https://www.flickr.com/pho	frankieleon	Creative Common:	food coma kitteh is confronted by hangry kitteh near empty bowls
10	3278443166_9eecc2ca0b_z.jpg	Flickr	https://www.flickr.com/pho	Alisha Vargas	Creative Common:	hygenic kitteh thinks floor needs fewer food spills and more mopping
11	3417958133_63045d7b16_z.jpg	Flickr	https://www.flickr.com/pho	Edward Peters	Creative Common:	two-face kitteh is not a supervillain and resents the stereotyping
12	4695100707_d2b1c3f778_z.jpg	Flickr	https://www.flickr.com/pho	MagneG	Creative Common:	wide-awake Hobbes take first shift watching door for Calvin's arrival
13	528525480_b84503442f_z.jpg	Flickr	https://www.flickr.com/pho	asinensis	Creative Common:	choreographer kitteh concerned on-back jazz hands not the best way to end this number
14	3269610146_2f541f4ac7_z.jpg	Flickr	https://www.flickr.com/pho	Andreas-photography	Creative Common:	Clouseau kitteh hot on zee tail of zee Pink Panther
15	1413379559_412a540d29_z.jpg	Flickr	https://www.flickr.com/pho	Nikita	Creative Common:	world-weary kitteh not amused by your shenanigans
16	15899553966_5deb788369_z.jpg	Flickr	https://www.flickr.com/pho	daveblooas007	Creative Common:	makeover kitteh not sure these new contacts are sassv enough



Uploading a large number of subjects

If you need to upload a large number of subjects (over 500) you should use the [Panoptes Command Line Interface](#) instead of the web interface.

Every Zooniverse users is allowed to upload up to 10,000 subjects to our system. If your project needs more subjects you can contact the [Zooniverse team](#) to have this number increased.

3. Making a workflow

Workflows

- View project
- Project details**
- About
- Collaborators
- Field guide
- Tutorial
- Media
- Visibility
- Talk
- Data Exports
- Workflows
- Subject Sets

Input the basic information about your project, and set up its home page.

Avatar

Drop an avatar image here

Pick a logo to represent your project. To add an image, either drag and drop or click to open your file viewer. For best results, use a square image that is not too small.

Background image

NAME

CS summer school demo

The project name is the first thing people will see about the project, and it will show up in the project URL. Try to keep it short and sweet. Your project's URL is [/projects/cm24/cs-summer-school-demo](#)

DESCRIPTION

Testing out the project builder

This should be a one-line call to action for your project that displays on your landing page. Some volunteers will decide whether to try your project based on reading this, so try to write short text that will make people actively want to join your project. 269 of 300 characters remaining.

INTRODUCTION

Anyone can build their own project





New workflow

WORKFLOWS

A workflow is the sequence of tasks that you're asking volunteers to perform.

An asterisk (*) denotes a default workflow.

If you have multiple workflows you can rearrange the order in which they are listed on your project's front page by clicking the reorder view button and then clicking and dragging on the left gray tab next to each workflow title listed below.

Note: Please leave at least one active workflow; even if all workflows are 100% complete.

Reorder view

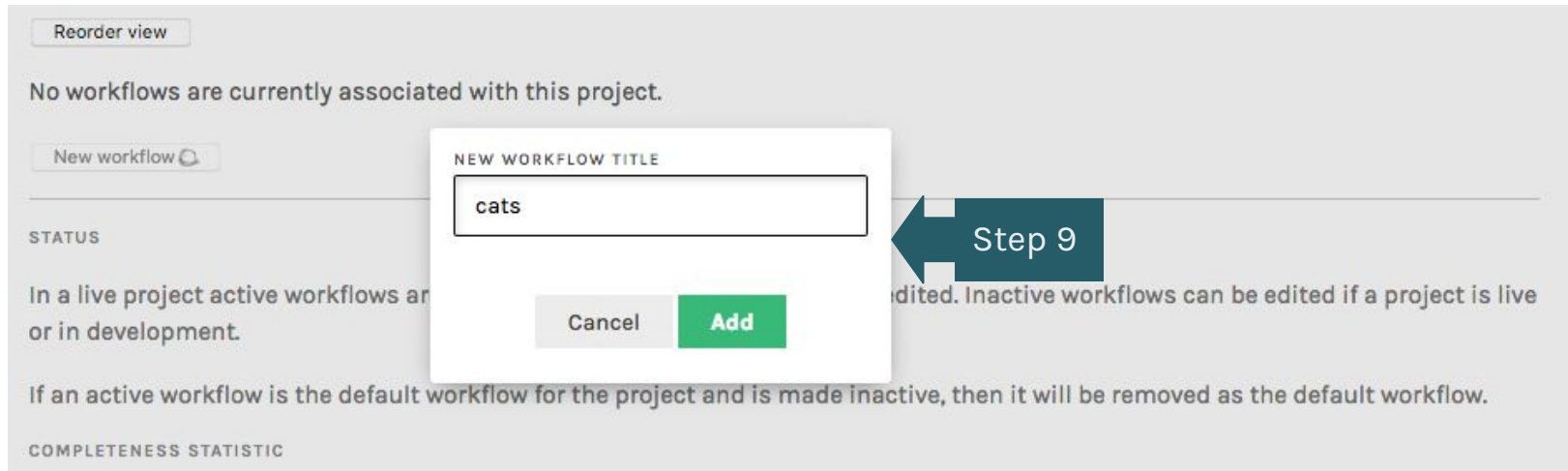
No workflows are currently associated with this project.

New workflow



Step 8

Name the workflow



The screenshot shows a web interface for managing workflows. At the top left, there is a 'Reorder view' button. Below it, a message states 'No workflows are currently associated with this project.' Underneath is a 'New workflow' button with a plus icon. A modal dialog box is open in the center, titled 'NEW WORKFLOW TITLE', with a text input field containing the word 'cats'. At the bottom of the dialog are two buttons: 'Cancel' and 'Add'. A dark teal arrow labeled 'Step 9' points to the 'Add' button. The background interface is partially visible, showing sections for 'STATUS' and 'COMPLETENESS STATISTIC'.

Reorder view

No workflows are currently associated with this project.

New workflow +

NEW WORKFLOW TITLE

cats

Cancel Add

STATUS

In a live project active workflows are not edited. Inactive workflows can be edited if a project is live or in development.

If an active workflow is the default workflow for the project and is made inactive, then it will be removed as the default workflow.

COMPLETENESS STATISTIC

Step 9

Add a task

PROJECT #7616

[View project](#)

- Project details
- About
- Collaborators
- Field guide
- Tutorial
- Media
- Visibility
- Talk
- Data Exports
- Workflows**
- Subject Sets

cats #7954

A workflow is the sequence of tasks that you're asking volunteers to perform. For example, you might want to ask volunteers to answer questions about your images, or to mark features in your images, or both.

WORKFLOW TITLE

cats

If you let your volunteers choose which workflow to attempt, this text will appear as an option on the project front page.

TASKS

(No tasks yet)

[Add a task](#)

Question Drawing Text Survey

Step 10

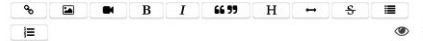
Edit the task

MAIN TEXT

Enter a question.

Describe the task, or ask the question, in a way that is clear to a non-expert. You can use markdown to format this text.

HELP TEXT



Empty text input field for help text.

Add text and images for a window that pops up when volunteers click "Need some help?" You can use markdown to format this text and add images. The help text can be as long as you need, but you should try to keep it simple and avoid jargon.

CHOICES

Allow hiding marks Allow multiple Required

Enter an answer

Next task (Submit classification and load next subject) ▼

+

The answers will be displayed next to each checkbox, so this text is as important as the main text and help text for guiding the volunteers. Keep your answers as minimal as possible -- any more than 5 answers can discourage new users.

The "Next task" selection describes what task you want the volunteer to perform next after they give a particular answer. You can choose from among the tasks you've already defined. If you want to link a task to another you haven't built yet, you can come back and do it later (don't forget to save your changes).

Step 11

Link a subject set and set retirement limit



ASSOCIATED SUBJECT SETS

Choose the set of subjects you want to use for this workflow.

cats (#60530)



Subject retirement Classification count 15

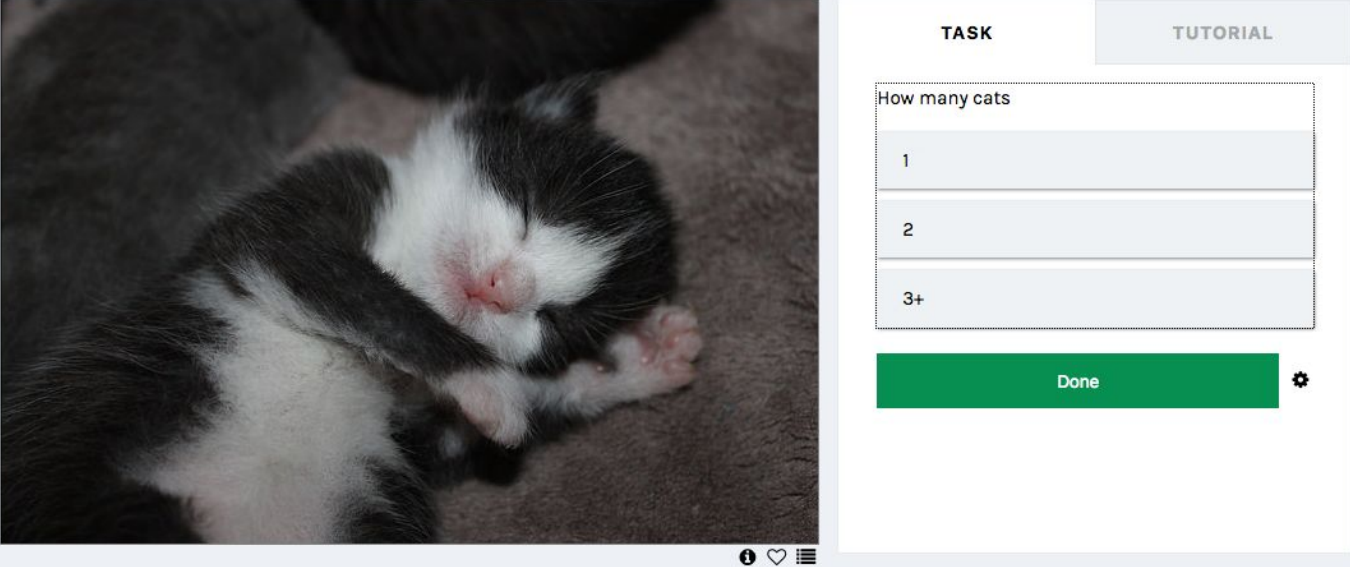
How many people should classify each subject before it is "done"? Once a subject has reached the retirement limit it will no longer be shown to any volunteers.

If you'd like more complex retirement rules, please [get in touch](#) via the [Contact Us](#) page.

Test this workflow



Test the project



The screenshot displays a mobile application interface for testing a project. On the left, there is a photograph of a black and white kitten. On the right, there is a 'TASK' panel with a 'TUTORIAL' tab. The task is 'How many cats' and has three radio button options: '1', '2', and '3+'. Below the options is a green 'Done' button with a settings gear icon. At the bottom of the photo area are icons for information, heart, and list.

4. Collaborators

Collaborators

- View project
- Project details**
- About
- Collaborators
- Field guide
- Tutorial
- Media
- Visibility
- Talk
- Data Exports
- Workflows
- Subject Sets

Input the basic information about your project, and set up its home page.

Avatar

Drop an

Step 15

Pick a logo to represent your project. To add an image, either drag and drop or click to open your file viewer. For best results, use a square image of not more than 50 KB.

Background image

NAME

CS summer school demo

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INTRODUCTION

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Anyone can build their own project

Add Collaborators

ADD ANOTHER

- Collaborator** Collaborators have full access to edit workflows and project content, including deleting some or all of the project.
- Expert** Experts can enter "gold mode" to make authoritative gold standard classifications that will be used to validate data quality.
- Researcher** Members of the research team will be marked as researchers on "Talk"
- Moderator** Moderators have extra privileges in the community discussion area to moderate discussions. They will also be marked as moderators on "Talk".
- Tester** Testers can view and classify on your project to give feedback while it's still private. If given the direct url, they can also view and classify on inactive workflows; this is useful for already launched projects that are planning on building a new workflow and would like volunteer feedback. Testers cannot access the project builder.

Add user role

5. Sharing the project

Visibility

View project

Project details

About

Collaborators

Field guide

Tutorial

Media

Visibility

Talk

Data Exports

Workflows

Subject Sets

Input the basic information about your project, and set up its home page.

Avatar

Drop an
avatar
image here

Pick a logo to represent
your project.

Step 16

Use a file viewer. For best results,
use a square image of not
more than 50 KB.

Background image

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INTRODUCTION

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Anyone can build their own project



Visibility settings

PROJECT STATE AND VISIBILITY

Private Public

Only the assigned **collaborators** can view a private project. Anyone with the URL can access a public project.

Development Live

All workflows can be edited during development, and subjects will never retire.

In a live project, active workflows are locked and can no longer be edited.

Take care changing a project to development as classifications will not count towards your project.



Visibility settings: How they work

- **Private:** Only project collaborators can view the project
- **Public:** Anyone with the link can see the project

- **Development:** Workflows can be edited and classifications do not count towards retirement
- **Live:** Workflows cannot be edited and retirement is turned on

6. Setting up Talk

Talk

- [View project](#)
- Project details**
- [About](#)
- [Collaborators](#)
- [Field guide](#)
- [Tutorial](#)
- [Media](#)
- [Visibility](#)
- Talk**
- [Data Exports](#)
- [Workflows](#)
- [Subject Sets](#)

Input the basic information about your project, and set up its home page.

Avatar



Pick a logo to represent your project. To add an image, either drag and drop it or click the image icon. Your image should be a square image or not more than 50 KB.



Background image

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INTRODUCTION

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Activate Talk

1. Click this button to create a default board for volunteers to comment on subjects after classifying (strongly recommended)

 Activate Talk Subject Comments Board

Step 18

2. Add any additional discussion boards

Add a board:

Board Title

Board Description

Step 19

Roles rank from most private to least private in the order: **admin > moderator > team > all**

Can Read:

Users of this status or higher will be able to read content in this board

admin moderator team all

Can Write:

Users of this status or higher will be able to post content in this board

admin moderator team all

 Create Board

7. Applying for beta

Beta testing with the Zooniverse

On the “Visibility” tab there is a button that allows a project owner to “Apply for review”. Your project will be reviewed by a Zooniverse team member to check it works has the appropriate information (e.g. “About”, “FAQ”, “help test”). It is then sent to a group of about one thousand volunteers that have signed up to be beta testers.

These volunteers will leave feedback about the project and make the final decision about if the project should launch on the Zooniverse. The full review process can take a few months.



What to do after the Beta

Address any feedback submitted by the volunteers and the internal Zooniverse team

Start working with the test data. Make sure the retirement limit is set correctly and you are getting enough information to do your research.

Stay active on Talk

8. Exporting data

Data Exports

- View project
- Project details**
 - About
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 - Field guide
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 - Talk
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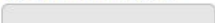
Avatar



Pick a logo to represent your project. To add an image, either drag and drop or click to open your file



Background image



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INTRODUCTION



Anyone can build their own project

Downloading Exports

PROJECT DATA EXPORTS

Please note that the Zooniverse will process at most 1 of each export within a 24 hour period and some exports may take a long time to process. We will email you when they are ready.

For examples of how to work with the data exports, see our [Data Digging code repository](#).

Project Data

[Request new classification export](#) CSV format. Never previously requested.

[Request new workflow classification export](#) CSV format.

[Request new subject export](#) CSV format. Never previously requested.

[Request new workflow export](#) CSV format. Never previously requested.

[Request new workflow contents export](#) CSV format. Never previously requested.

Thank you!

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ZOONIVERSE



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