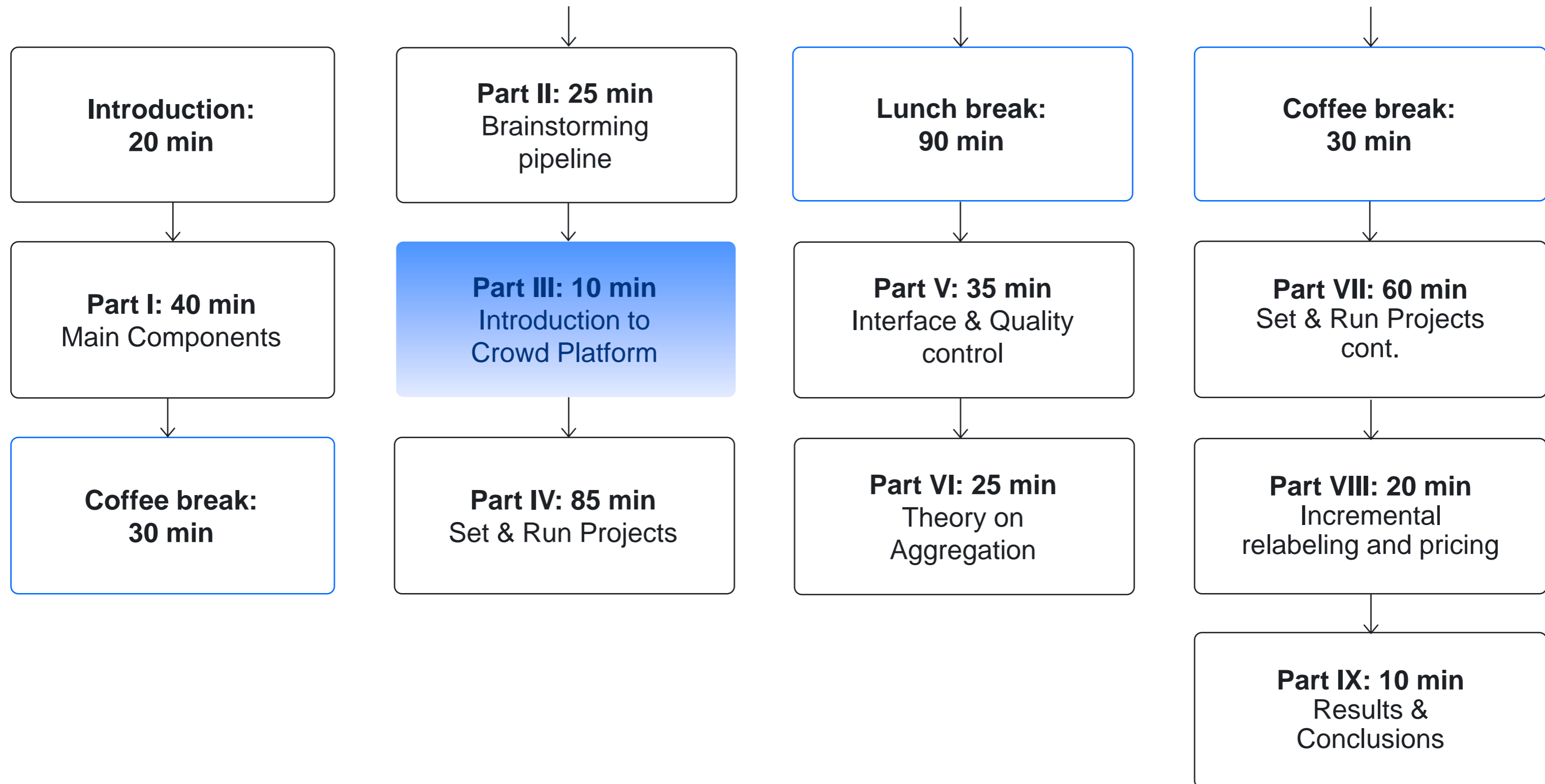


Part III

Introduction to Toloka for requesters

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Tutorial outline



Key types of instances in Toloka

Project



- ▶ Defines the structure of tasks
- ▶ Defines how to perform them

Configure in a project

- ▶ Input and output data types
- ▶ Task interface
- ▶ Task instruction

Pool



- ▶ Is a batch of tasks
- ▶ Defines access of performers

Configure in a pool

- ▶ Performer filters
- ▶ Quality control mechanisms
- ▶ Overlap settings

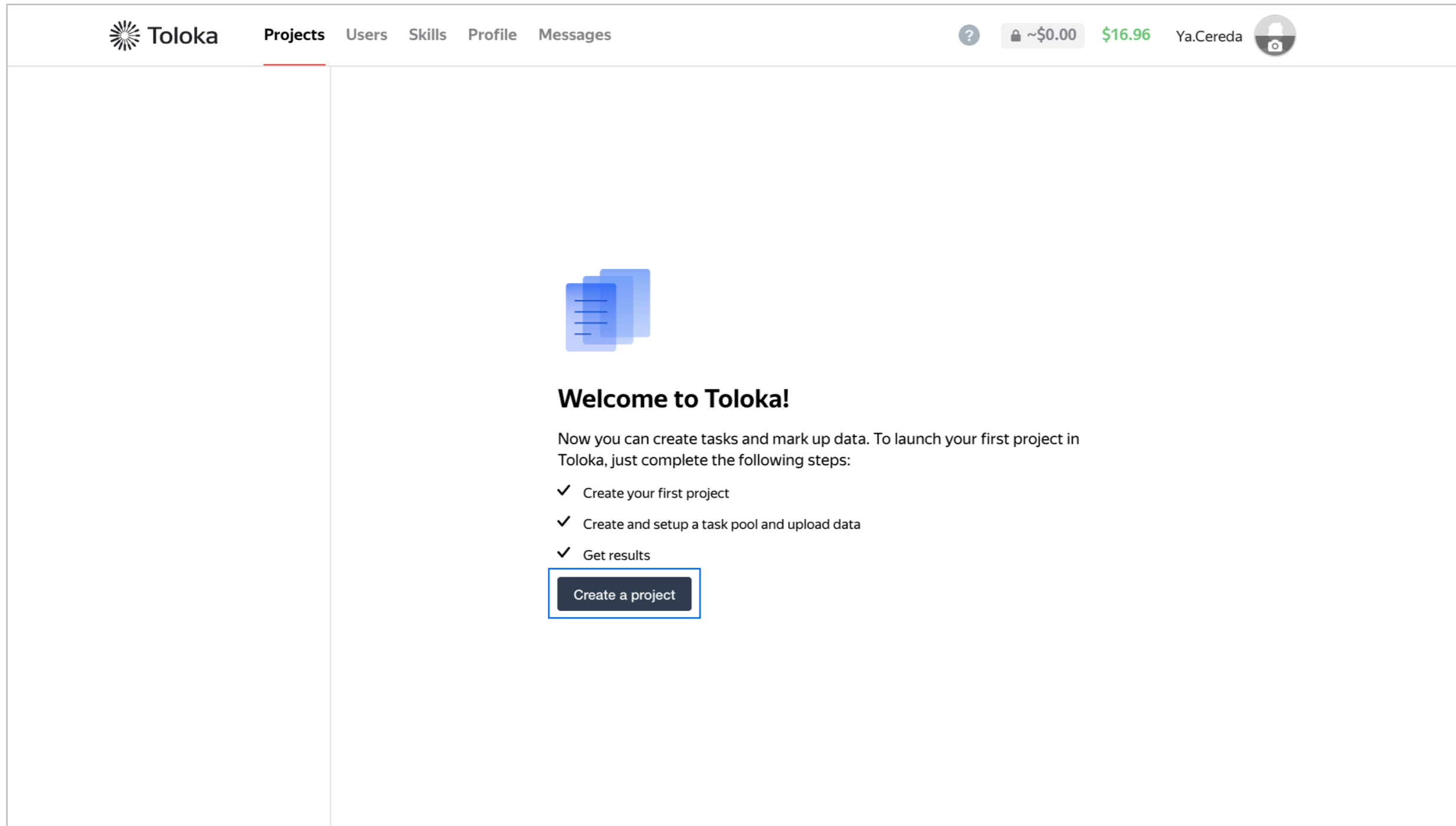
Task



- ▶ A particular input data
- ▶ Results for it from performers

Project: creation & configuration

Project: creation



The screenshot shows the Toloka user interface. At the top left is the Toloka logo. The navigation menu includes 'Projects' (which is underlined), 'Users', 'Skills', 'Profile', and 'Messages'. On the right side of the header, there is a help icon, a balance indicator showing '~\$0.00' and '\$16.96', the user name 'Ya.Cereda', and a profile picture icon.

In the main content area, there is a blue icon representing a list or document. Below it, the heading reads 'Welcome to Toloka!'. The text below the heading says: 'Now you can create tasks and mark up data. To launch your first project in Toloka, just complete the following steps:'. This is followed by a list of three steps, each with a checkmark:

- ✓ Create your first project
- ✓ Create and setup a task pool and upload data
- ✓ Get results

At the bottom of this list, there is a button labeled 'Create a project' which is highlighted with a blue border.

Project: configure name and instruction

The screenshot shows the Toloka 'New project' configuration interface. At the top, the Toloka logo and navigation links (Projects, Users, Skills, Profile, Messages) are visible. The user's profile 'Ya.Cereda' and a balance of '\$16.96' are shown in the top right. The main heading is 'New project', with options to 'Back to the old interface', 'Cancel', or 'Continue later'. The 'General information' section is highlighted in blue and contains the following fields:

- Name to show performers ***: A text input field containing 'Does the image contain traffic lights?'.
- Description for performers**: A text area containing 'Select images that contain at least one traffic light.'.
- Private comment**: A plus sign icon next to the text 'Private comment'.
- Save**: A dark blue button.

On the right side of the configuration area, a preview card displays the project details:

- Rating**: Five yellow stars.
- Task Title**: 'Does the image contain traffic lights?'.
- Instruction**: 'Select images that contain at least one traffic light.'
- Price**: '0\$ per task' and '~0\$ per hour'.

Project: configure in/out data types

Data specification ?

Input data

image (URL) ●

Add field

Output data <>

Title: result ×

Type: boolean ▾

Allowed values: Any ▾

Required

Array

Delete Save

Add field

Project: configure interface

2 Task interface

Editor

HTML / JS / CSS ? Template builder ?

```
1  {{img src=image width="100%" height="400px"}}
2
3  <div>Are there traffic lights in the picture?<div>
4  {{field type="radio" name="result" value="ok" label="Yes" hotkey="1"}}
5  {{field type="radio" name="result" value="bad" label="No" hotkey="2"}}
6  {{field type="radio" name="result" value="404" label="Failed to load" hotkey="3"}}
7
```


```
1  exports.Task = extend(TolokaHandlebarsTask, function (options) {
2  |  TolokaHandlebarsTask.call(this, options);
1
```

HTML



JS


CSS

Project: use the task preview to see how it works

2 Task interface 

Editor

HTML / JS / CSS  Template builder 



Are there traffic lights in the picture?

Yes No Failed to load

Project: saving

Edit project

[Back to the old interface](#)

- ✓ General information
- ✓ Task interface
- ✓ Instructions for performers
- ✓ Translations

Pool: creation & configuration

Pool: creation

Are there shoes in the picture? — active Project actions ▾

Statistics for 7 days

| | | | | | | |
|-----------------|-------|------------------------|-------------------------|---------------------|-------|--------------|
| Submitted tasks | Spent | Quality: control tasks | Quality: training tasks | Average submit time | Users | Banned users |
| 0 | 0 \$ | - | - | - | 0 | 0 |

[Pools](#) [Training](#) [Statistics](#) [Quality control](#)

[Active and closed](#) [Archived](#) [Filters](#) [Add a pool](#)

Pools can be archived manually or automatically (automatic archiving applies to pools with no activity for 30 days).

| Title ↕ | Priority ↕ | Progress | Status ↕ | Started ↕ | To be completed |
|---------|------------|----------|----------|-----------|-----------------|
|---------|------------|----------|----------|-----------|-----------------|

To launch a project, you first need to add a pool, set user filters and quality control rules, and upload tasks.

50 ▾

Pool: configure name and description

POOL NAME (VISIBLE ONLY TO YOU) ?

Use project description

PUBLIC DESCRIPTION ?

Add a private description

Pool: configure pricing and overlap

Price per task suite

Each task suite can have one or multiple tasks on the same page. Enter the total price for all tasks in the suite.

PRICE IN US DOLLARS ?



FEE ?

+ Dynamic pricing

Overlap

Specify how many performers you want to complete each task in the pool.

OVERLAP ?



DYNAMIC OVERLAP ?

Off

Pool: configure timing and post verification

Parameters

| | | | |
|----------------------------------|----------------------------------|---|---|
| TIME PER TASK SUITE IN SECONDS ? | <input type="text" value="300"/> | POOL CLOSING DATE ? | <input type="text" value="2022-08-24"/> |
| KEEP TASK ORDER ? | <input type="checkbox"/> No | WAITING TIME FOR THE POOL TO CLOSE IN SECONDS ? | <input type="text" value="0"/> |
| | | POOL PRIORITY WITHIN THE PROJECT ? | <input type="text" value="0"/> |

Pool: filter performers by their profiles

Performers

[Copy settings from...](#)

Filter performers who can access the task.
Toloka has users from different countries,
so don't forget to filter by language and region. [Learn more](#)

ADULT CONTENT ?

Yes

Add filter



Create a skill

PERFORMER PROFILE

Languages



=

English



Pool: filter performers by computed properties

The image shows a filter configuration interface with two conditions. The first condition is labeled 'COMPUTED' and consists of a dropdown menu with 'Browser' selected, followed by an equals sign, another dropdown menu with 'YANDEX_BROWSER' selected, and a trash icon and a plus sign. The second condition is also labeled 'COMPUTED' and consists of a dropdown menu with 'Client' selected, followed by an equals sign, another dropdown menu with 'Toloka web version' selected, and a trash icon and a plus sign. The two conditions are connected by a central 'AND' operator.

Pool: filter performers by custom skills

The image shows a user interface for filtering performers. At the top, there is a light gray bar containing two buttons: "Add filter" with a downward arrow and "Create skill". Below this bar is a section titled "SKILLS" in a light gray background. Inside this section, there is a filter rule: a text box containing "Segmentation" with a close icon (X), followed by a comparison operator ">" and a value "70" in another text box with a close icon (X). To the right of the value box are two icons: a trash can and a plus sign (+).

Pool: control quality via a rule on golden set

GOLDEN SET ?

History size


If

and


then

Pool: control quality via a rule on post verification

OFFLINE ACCEPTANCE ?

History size 


If

and 




then

Task uploading & golden set creation

Task: uploading

 Does the image contain traffic lights? — closed Statistics Download results Edit

Download the sample file, add your task data, and upload the file to the pool.
The sample file uses TSV format, which is the same as CSV but using tab as the separator.
Make sure you choose UTF-8 encoding when saving the file. [Learn more in the guide.](#)

-  [Template for general tasks.tsv](#)
-  [Template for control tasks.tsv](#)
-  [Template for training tasks.tsv](#)

Upload

| | |
|---------------------|-------------------------|
| 0 task pages | 0 training tasks |
| 0 tasks | 0 control tasks |


0 %
Completed 0




Task: uploading

File upload settings ?


Tasks per page



By empty row



Set manually



Smart mixing

Main tasks


Training tasks

Control tasks

[Show advanced settings](#)

[Sample file for uploading tasks](#) Close Upload





Task: edit for creation of control tasks

 Does the image contain traffic lights? — closed

Statistics Download results Edit

Download the sample file, add your task data, and upload the file to the pool.
The sample file uses TSV format, which is the same as CSV but using tab as the separator.
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- [Template for general tasks.tsv](#)
- [Template for control tasks.tsv](#)
- [Template for training tasks.tsv](#)

| | | | |
|--|---|--|--|
|  Upload |  Files |  Delete |  Edit |
| 0 task pages | 0 training tasks | | |
| 100 tasks | 0 control tasks | | |

0 %
Completed 0

0 0

Task: control task creation

Edit tasks

Use main tasks as a starting point to create control tasks or training tasks.

Control tasks are for checking the quality of responses from performers. They contain correct responses to compare with actual responses.

Training tasks are for teaching performers how to complete tasks. They contain correct responses and hints.

[Learn more](#)

Main 100 Control tasks 0 Training tasks 0

Create control tasks

Create training tasks

Download

| ID ↕ | Overlap ↕ | Responses from performers ↕ | Last updated ↕ |
|-------------|-----------|-----------------------------|-----------------------|
| ...bdb34908 | 3 | 0 | 08/24/2021 4:23:52 PM |

Task: create a control task by answer selection

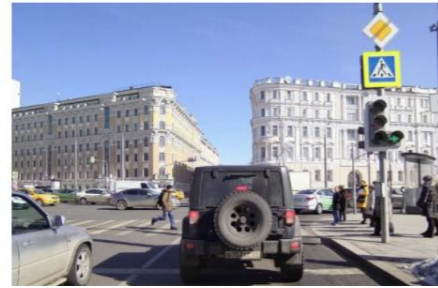
Toloka **Projects** Users Skills Profile Messages ? ~\$0.00 \$16.96 Ya.Cereda

Projects > Does the image contain traffic l... > Does the image contain traffic l... > Uploaded tasks > Edit tasks < >

Create control task

1. Enter correct responses
2. Select the fields to use

Field Value
 result



Are there traffic lights in the picture?
1 Yes 2 No 3 Failed to load


Save and go to next

Distribution of correct responses for control tasks ?

Create control tasks to see charts of response distribution.

**Run the pool &
result downloading**

Pool running

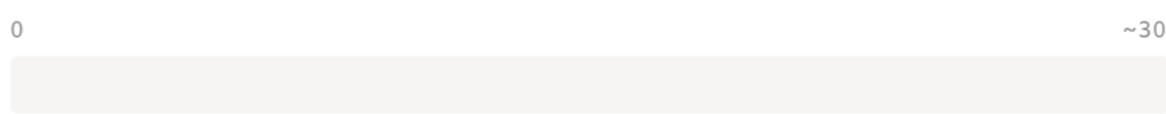
 Does the image contain traffic lights? — closed Statistics Download results Edit

Download the sample file, add your task data, and upload the file to the pool.
The sample file uses TSV format, which is the same as CSV but using tab as the separator.
Make sure you choose UTF-8 encoding when saving the file. [Learn more in the guide.](#)


- [Template for general tasks.tsv](#)
- [Template for control tasks.tsv](#)
- [Template for training tasks.tsv](#)


| | |
|---|-------------------------|
| Upload Files Delete Edit Preview | |
| ~30 task pages | 0 training tasks |
| 90 tasks | 10 control tasks |

0 % Completed 0






View and aggregate the results of your tasks




 Does the image contain traffic lights? — open

Statistics |  Download results | ^ | Edit | v

View operations
Dawid-Skene aggregation model
Aggregation by skill

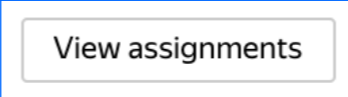
Download the sample file, add your task data, and upload the file to the pool.
The sample file uses TSV format, which is the same as CSV but using tab as the separator.
Make sure you choose UTF-8 encoding when saving the file. [Learn more in the guide.](#)


-  [Template for general tasks.tsv](#)
-  [Template for control tasks.tsv](#)
-  [Template for training tasks.tsv](#)

 Upload |  Files |  Preview

| | |
|----------------------|-------------------------|
| 30 task pages | 0 training tasks |
| 90 tasks | 10 control tasks |

100 %
Completed 30, accepted 30



0  30

Monitor the statistics on how tasks are performed

