

Amazon Mechanical Turk Setup Manual

The following tutorial are following the setting of the annotation interface `canvasTest5.html`, any further setting may subject to change by version difference.

2019.06.12 Karen Guo

❖ **File Location:** public_html/empoweredlab.psych.umn.edu/FixationLabeling/canvasTest5.html

The html file of annotation interface can be found in the folder in CLA server. Note that you would need to be in U of M or use VPN to access any data in this server.

❖ **Regular URL of Interface:** <https://empoweredlab.psych.umn.edu/FixationLabeling/canvasTest5.html>

❖ **Interface Parameters Setting:**

- Presetting:
 - All the images used in the html file should be inside the subfolder “**images/**” with the indexing as ‘**stimuli_1.jpg**’ and ‘**labeling_1.jpg**’ that saves the image with regions that need to be annotated.
 - If you want to move the interface html to any other folder, make sure you also copy the subfolder “**plugin/**” and **.js** files that are in the same folder as the html file.
- Modifiable Parameters:
 - Line 125: **offset**
 - Indicating the current image set for annotation. e.g. annotating img 1-10 -> offset=0 ; annotating img 21-30 -> offset = 20
 - Line 126: **totalImg**
 - Indicating how many images are going to be annotated in this HIT; Usually we'll use around 10 images so that the annotation time is not too long.
 - Everything is modifiable, the above variables are just the ones that may need to be updated before you upload to Mturk platform.

❖ **Mturk HIT Setup Instruction:**

To setup the link for each Mturker we use “?mid=”... to add the ID on the link.

"[https://empoweredlab.psych.umn.edu/FixationLabeling/canvasTest5.html?mid="+mturkworkerID+"](https://empoweredlab.psych.umn.edu/FixationLabeling/canvasTest5.html?mid=)"

Before the HIT being published on the Mturk platform, make sure to test by your own to see if the link is working since sometime the CLA server may be in maintenance or down.

< The following tutorial are tested in Mechanical Turk Developer Sandbox before publishing >

- Log in to the AMS platform and start with a new batch (or create one from the existed project).

Project Name	Title	Created ▼	Last Edited	
AudioSample	Answer a survey about your opinions	June 14, 2017	June 14, 2017	<button>Publish Batch</button> <button>Edit</button> <button>Copy</button> <button>Delete</button>
ImgLabelTest1	Image Labeling	June 4, 2017	July 5, 2017	<button>Publish Batch</button> <button>Edit</button> <button>Copy</button> <button>Delete</button>

- Fill in all the descriptions required here; it would be better to be clear about the goal but also be brief.

1 Enter Properties

2 Design Layout

3 Preview and Finish

Project Name: This name is not displayed to Workers.

Describe your task to Workers

Title

Describe the task to Workers. Be as specific as possible, e.g. "answer a survey about movies", instead of "short survey", so Workers know what to expect.

Description

Give more detail about this task. This gives Workers a bit more information before they decide to view your task.

Keywords

Provide keywords that will help Workers search for your tasks.

- The reward for each person would depend on the estimated time they need to finish the task, and by IRB description. It would be recommended to give a little bit more time than the estimated time they need for the assignment. While setting the auto-approve option, make sure you can inspect their answer before this time so that we have the enough annotation.

Setting up your task

Reward per assignment

This is how much a Worker will be paid for completing an assignment. Consider how long it will take a Worker to complete each assignment.

Number of assignments per task

How many unique Workers do you want to work on each task?

Time allotted per assignment

Maximum time a Worker has to work on a single task. Be generous so that Workers are not rushed.

Task expires in

Maximum time your task will be available to Workers on Mechanical Turk.

Auto-approve and pay Workers in

This is the amount of time you have to reject a Worker's assignment after they submit the assignment.

- The worker requirements can be set to make sure any prerequisite ability for the Mturkers. Make sure you're not choosing any premium qualification, or the experiment may be charged additional fee.

Worker requirements

Require that Workers be Masters to do your tasks [\(Who are Mechanical Turk Masters?\)](#)

☐ Yes ☒ No

Specify any additional qualifications Workers must meet to work on your tasks:

(+) Add another criterion

(up to 5)

- (OPTIONAL) From the previous experience, we may add the location limitation to ensure the task is taken by English-speaker. The setting of HIT approval rate is also a way to filter those who try to mess with all the MTurk tasks.

Specify any additional qualifications Workers must meet to work on your tasks:

HIT Approval Rate (%) greater than 50 Remove

Location is UNITED STATES (US) Remove

(+) Add another criterion (up to 3 more)

- After setting up the descriptions and the requirements, go to “Design Layout” and select “source code” to edit the page showing in Mturk platform before they go to our annotation interface.

1 Enter Properties
2 Design Layout
3 Preview and Finish

```

28 <td><label>Survey link:</label></td>
29 <td>
30 <div id="myelementlink" style="display: inline; font-family: Verdana;"><tt>URL not shown be
31 <script type="text/javascript" language="JavaScript"><!--
32     var assignment_id_field = document.getElementById('myelementlink');
33     var paramstr = window.location.search.substring(1);
34     var parampairs = paramstr.split("&");
35     var mturkworkerID = "";
36     for (i in parampairs) {
37         var pair = parampairs[i].split("=");
38         if (pair[0] == "workerId")
39             mturkworkerID = pair[1];
40     }
41     if (mturkworkerID == "" ) {
42         assignment_id_field.innerHTML = '<tt>The experiment is suggested to be worked in Chr
43     } else {
44         assignment_id_field.innerHTML = '<a target="_blank" href="https://empoweredlab.psych.

```

- The only part you need to modify is between `<tbody>` & `</tbody>`:

```

<tbody>
<td><label>Survey link:</label></td>
<td>
<div id="myelementlink" style="display: inline; font-family: Verdana;"><tt>URL not shown because there is an error with Javascript on your computer. To perform this HIT, you mu
<script type="text/javascript" language="JavaScript"><!--
var assignment_id_field = document.getElementById('myelementlink');
var paramstr = window.location.search.substring(1);
var parampairs = paramstr.split("&");
var mturkworkerID = "";
for (i in parampairs) {
    var pair = parampairs[i].split("=");
    if (pair[0] == "workerId")
        mturkworkerID = pair[1];
}
if (mturkworkerID == "" ) {
    assignment_id_field.innerHTML = '<tt>The experiment is suggested to be worked in Chrome browser for the best appearance. <b> The link will appear here only if you accept
} else {
    assignment_id_field.innerHTML = '<a target="_blank" href="https://empoweredlab.psych.umn.edu/FixationLabeling/canvasTest5.html?MID='+ mturkworkerID + '">h1<span style="
}
// --></script>
<div class="link" id="linkDiv">&nbsp;</div>
</td>
</tr>
</tbody>

```

- Specifically, the most important part is to add the URL of our interface to this layout. Detailed sample code can be founded in [Mturk_Script.html](#).
- Click on the “Preview and Finish” to view your layout. Note that you may not be able to see the link showing out since it requires the Mturker to accept the HIT before starting the task. You can try to publish this HIT within sandbox (as a [requester](#)) and then enter the sandbox as a worker (login [here](#)) to try your HIT yourself before officially publishing it to the real platform.

1 Enter Properties
2 Design Layout
3 Preview and Finish

Image Labeling
Requester: Karen Guo
Qualifications Required: None
Reward: \$2.00 per task

▪ Requester's View

Survey Link Instructions (Click to expand)

Survey link:	The experiment is suggested to be worked in Chrome browser for the best appearance. The link will appear here only if you accept this HIT.
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Provide the survey code here:

Submit

▪ Worker's View

Survey Link Instructions (Click to expand)

Survey link:	CLICK HERE TO TAKE THE SURVEY!
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Provide the survey code here:

Submit

❖ Mturk HIT Answer Inspection and Reward:

After publishing the HIT on the platform, you can use “manage” to view the current status of the batch

[Manage Batches](#) > [Batch Details](#)

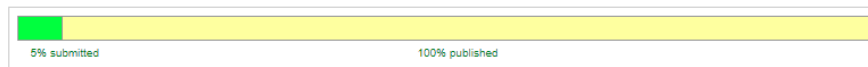
ImgLabelTest1 7

View the latest status of this batch, make changes, or get results.

Describe and label the image entities

Status

Status: Pending Review



Assignments Completed: 1 / 20

Creation Time: July 05, 2017 10:07 AM PDT

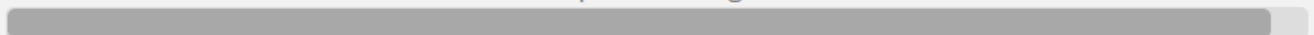
Average Time per Assignment: 4 minutes 39 seconds

Completion Time: July 12, 2017 10:18 AM PDT

After they finish the survey, they would need to paste a series of number (survey code) while they were sent back to the Mturk platform. This number is the proof that indicates they did go through the test until the end.

<Worker's View>

Completion Progress



Your unique code is ynj3fdsam831x6q7q8elbagp6hrkr20a. You may exit the page once you have copied your unique code. Once you exit your unique code is gone.

If this happens, please email us with your Mech Turk ID.

<Requester's View>

[Customize View](#)[Filter Results](#)[Upload CSV](#)[Download CSV](#)

1 of 1 assignments (FILTER APPLIED: only show assignments that are in "Submitted" status)

Approve		Reject	
<input type="checkbox"/>	HIT ID ▲	Worker ID	Lifetime Approval Rate
<input type="checkbox"/>	34R3P23QHS1HL89QA0OX8SSQZ1WHG	AM4786OLLAP46	100% (1/1)
<input type="checkbox"/>	HIT ID ▲	Worker ID	Lifetime Approval Rate
Approve		Reject	

Surveycode
yny3fdsam831x6q7q8eibaggp6hkr20a

- Some Common Cases:
 - They may mistakenly enter their Mturk ID instead of the unique code.
 - They did not see the unique code and report
- With the above cases, please go to the data folder and inspect their corresponding file to see if they answer questions until the end.

About the inspection and reward:

For each Mturk's data, go through their answer and see if their answer qualified our request. E.g. some may continuously answer single word as annotation → not qualified. If you're going to reject any Mturk's annotation, make sure to write down your reasoning and refer to any rule mentioned in the tutorial pages. I would recommend that we may not be too harsh (but still follow our request and rules) while inspecting their annotation since each annotation process takes a lot of time.