
MTurk Instruction - Turker

Jiahao Zhang



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Issues related to Vidat, please create issues [here](#).

1 Sign In or Create an Account

MTurk Worker Sandbox

You may be required to fill a registration form if you are the first time to use MTurk.

Worker Registration

Create an Amazon Mechanical Turk Account

Country of residence

Full Name

Address

Figure 1: Worker registration

2 Find Our Hit

The screenshot shows the Amazon MTurk interface. At the top, there's a navigation bar with 'amazonmturk' logo and links for 'HITs', 'Dashboard', and 'Qualifications'. A search bar contains 'IKEA Assembly Instruction Video Segmentation'. Below the navigation bar, the page title is 'All HITs Your HITs Queue'. A message states '1-1 of 1 results containing "IKEA Assembly Instruction Video Segmentation"'. Under 'HIT Groups', there's a table with columns: Requester, Title, HITs, Reward, Created, and Actions. The first row shows requester 'Jiahao Zhang', title 'IKEA Assembly Instruction Video Segmentation', 3 HITs, \$1.00 reward, and '2m ago' created. The 'Actions' column has a 'Preview' link and an 'Accept & Work' button, which is highlighted with a red box. At the bottom, there are pagination links: '< Previous', '1', and 'Next >'.

Requester	Title	HITs	Reward	Created	Actions
Jiahao Zhang	IKEA Assembly Instruction Video Segmentation	3	\$1.00	2m ago	Preview Accept & Work

Figure 2: Search for *IKEA Assembly Instruction Video Segmentation* and Accept.

Video Annotation Instructions (Click to expand)

Vidat link:

```
https://vidat2.davidz.cn?
annotation=/dataset/Furniture/Chairs/30483049/annotatio
n/task-30483049-
IB6S1bTqou4.json&showObjects=false&showRegions=fal
se&showSkeletons=false&showActions=true&showPopu
p=false&grayscale=false&decoder=auto&muted=false&zo
om=false&defaultFps=10&defaultFpk=50&submitURL=htt
ps%3A%2F%2Fmturk.davidz.cn%2Ftask%2Fsubmit%2F
3%2F
```

Provide the submission code here:

e.g. 123e4567-e89b-12d3-a456-426614174000

Submit

Figure 3: Expand to read the instruction.

Video Annotation Instructions (Click to expand)

Vidat link:

```
https://vidat2.davidz.cn?
annotation=/dataset/Furniture/Chairs/30483049/annotatio
n/task-30483049-
IB6S1bTqou4.json&showObjects=false&showRegions=fal
se&showSkeletons=false&showActions=true&showPopu
p=false&grayscale=false&decoder=auto&muted=false&zo
om=false&defaultFps=10&defaultFpk=50&submitURL=htt
ps%3A%2F%2Fmturk.davidz.cn%2Ftask%2Fsubmit%2F
3%2F
```

Provide the submission code here:

e.g. 123e4567-e89b-12d3-a456-426614174000

Submit

Figure 4: Open the link in a new tab.

3 Annotation In Vidat

3.1 Abstract

You will be annotating a video segmentation task. Obtained from YouTube, each video contains one or more persons assembling IKEA furniture. The corresponding IKEA official instruction manual is split into steps. Your task is to find the start and end time of each step. Using the Vidat(video annotation tool) we provided.

3.2 Vidat Introduction



Figure 5: Header a video caching status and a dark mode toggle. Once all frames are cached, you can change the frame smoothly.

some useful hot keys for video control:

- P play / pause video segment



Figure 6: Keyframe Panel on the left, you can play the video segment specified by the range or edit keyframe list. In the middle, you can change the frame of left/right panel by dragging the left/right thumb or the range, the purple below indicates the frames annotated by actions. On the right, you can quick locate the keyframe(s).

Some useful hot keys for frames control:

- COMMA, <, PERIOD, > advance to previous / next keyframe
- LEFT-ARROW, RIGHT-ARROW previous / next frame
- UP-ARROW, DOWN-ARROW cycle through the frame slider: right > range > left
- PAGE-UP, PAGE-DOWN, jump to previous / next 10% of video

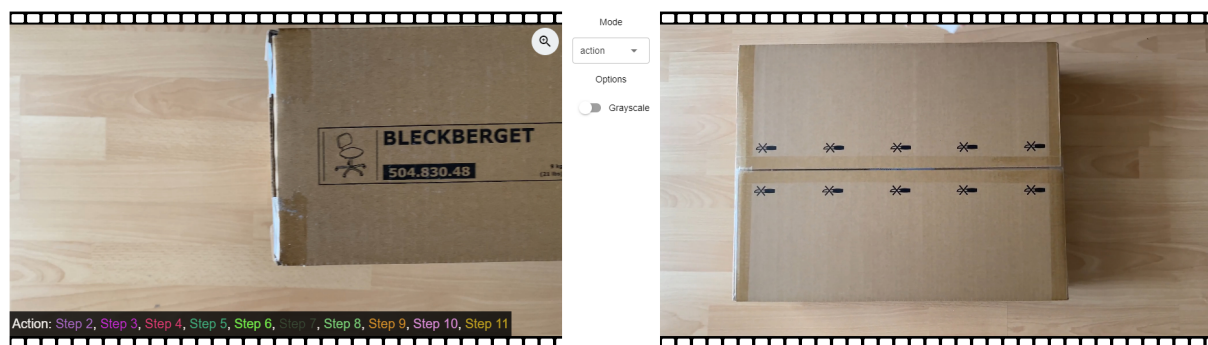





Figure 7: Left/Right Canvas Panel and Control Panel (in the middle) there is an action indicator on the left-bottom corner to show actions which cover current frame.

start	end	duration	action	object	color	description	operation
20.2	65.3	45.10	Step 1	default	#5A0CE5		
0	0	0.00	Step 2	default	#A4C639		
0	0	0.00	Step 3	default	#C7108F		
0	0	0.00	Step 4	default	#F72171		
0	0	0.00	Step 5	default	#21A076		
0	0	0.00	Step 6	default	#21725A		
0	0	0.00	Step 7	default	#1E3A25		
0	0	0.00	Step 8	default	#9B1717		
0	0	0.00	Step 9	default	#DC3812		
0	0	0.00	Step 10	default	#E68A5C		
0	0	0.00	Step 11	default	#C4A207		

Records per page: All 1-11 of 11

Figure 8: Action / Video Segment Table you can modify the action annotation List.

- **ADD** or press **PLUS (+)** key on your keyboard to add a new action
- **CLEAR** bulk delete all actions
- **start** start time in seconds
- **end** end time in seconds
- **duration** duration (end time - start time) in seconds
- **action** the action label, in this task, it refers to steps
- **object** the corresponding object label, please leave it as default in this task
- **description**
-  set start/end time as current left/right frame
-  set current left/right frame as start/end time
-  delete this action

3.3 Annotation Steps

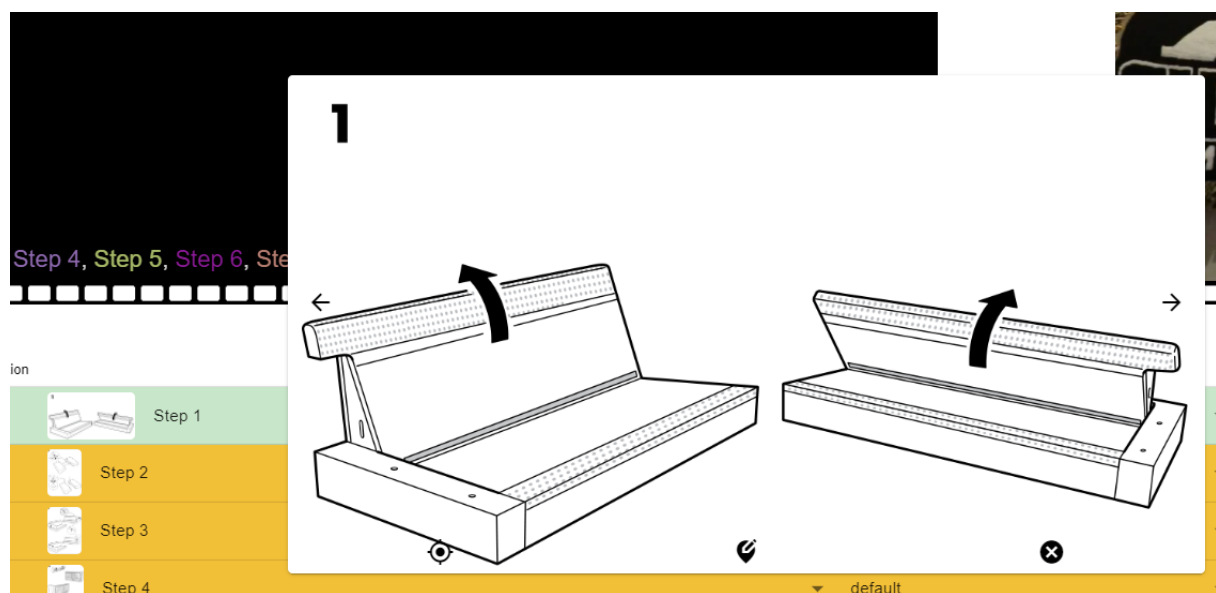


Figure 9: Click the thumbnail(not the action name dropdown menu) to open the step preview. You can first go through all steps by the prev next buttons.

3.3.0.1 Step 1

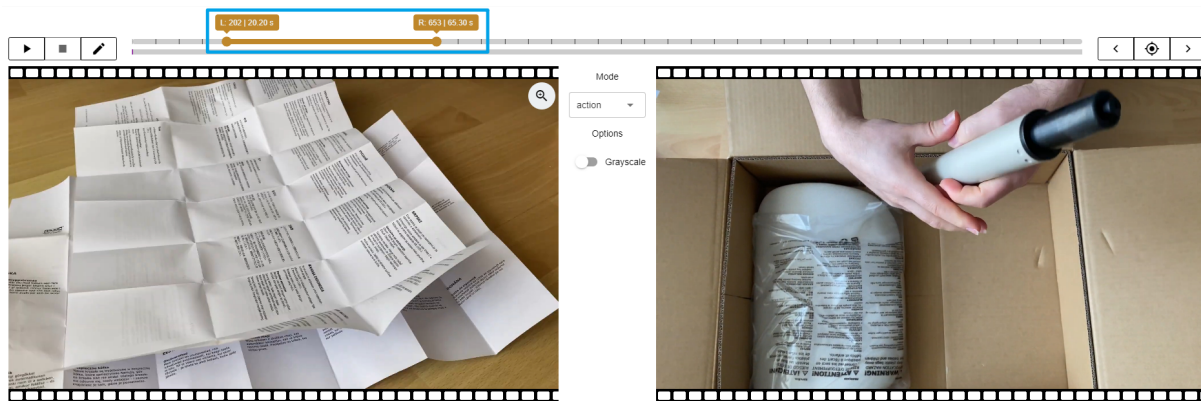


Figure 10: Locate left and right panel to align start and end frame of current action. Here you can use up/down/left/right keyboard shortcuts (details are shown in the above section).

3.3.0.2 Step 2



Figure 11: Click the second button on the corresponding row to set start and end time for this segment. Or the same button on the step preview.

start	end	duration	action	object	color	description	operation
20.2	65.3	45.10	Step 1	default	#5A0CE5		
0	0	0.00	Step 2	default	#A50020		
0	0	0.00	Step 3	default	#D1001E		
0	0	0.00	Step 4	default	#F21711		
0	0	0.00	Step 5	default	#21AB76		
0	0	0.00	Step 6	default	#607C3A		
0	0	0.00	Step 7	default	#1E3A25		
0	0	0.00	Step 8	default	#607C3A		
0	0	0.00	Step 9	default	#DC8B12		
0	0	0.00	Step 10	default	#E8BAC7		
0	0	0.00	Step 11	default	#C8A287		

Records per page: All 1-11 of 11

Figure 12: Once the duration is longer than 0, the warning (yellow) color will disappear.

3.3.0.3 Step 3

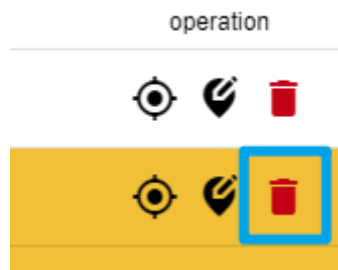


Figure 13: Delete the segment if it is not shown in the video.

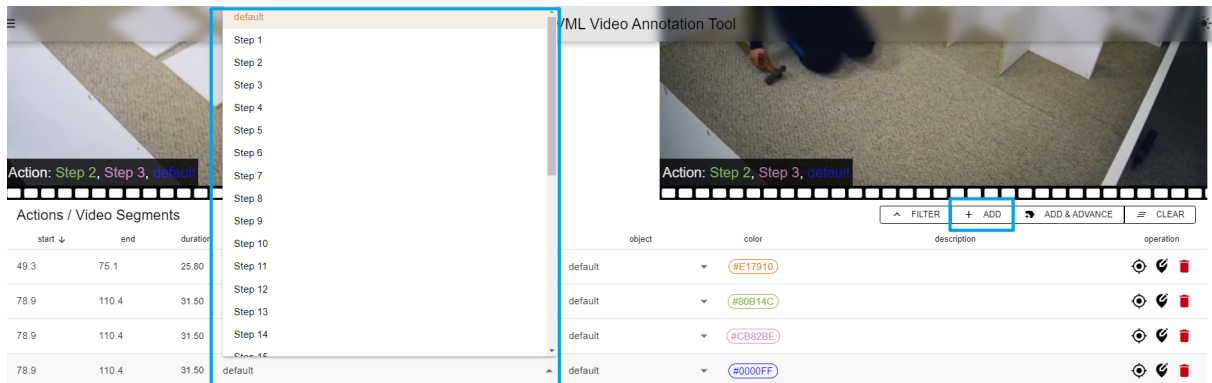


Figure 14: Add a new action and set it to the corresponding step in situations like two or more steps are overlapping with each other.

3.3.0.4 Step 4

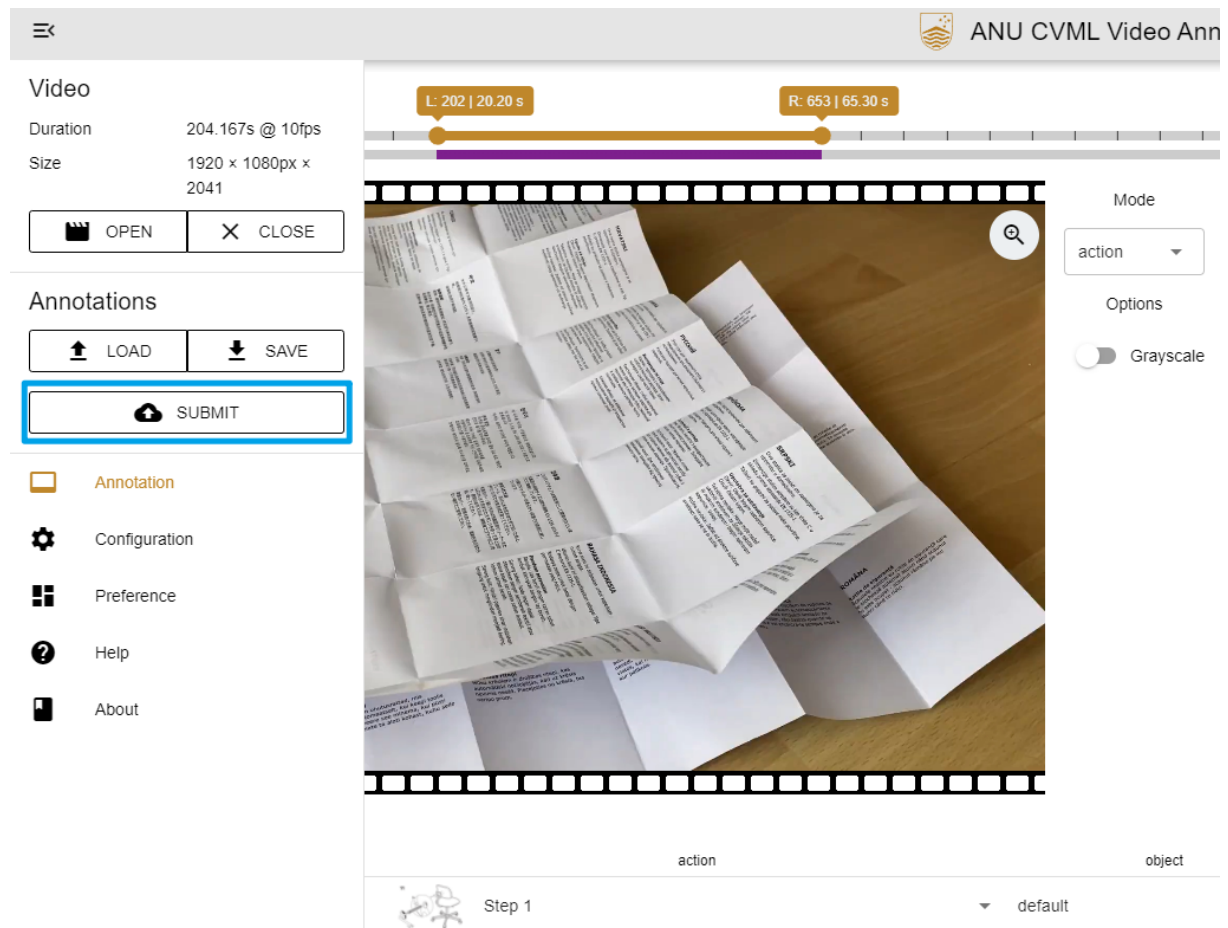


Figure 15: Open the side menu after finishing annotation, and click submit button

3.3.0.5 Step 5

Please check the followings before submitting

- the video has not changed
- the configuration has not changed
- duration of each action is greater than 0

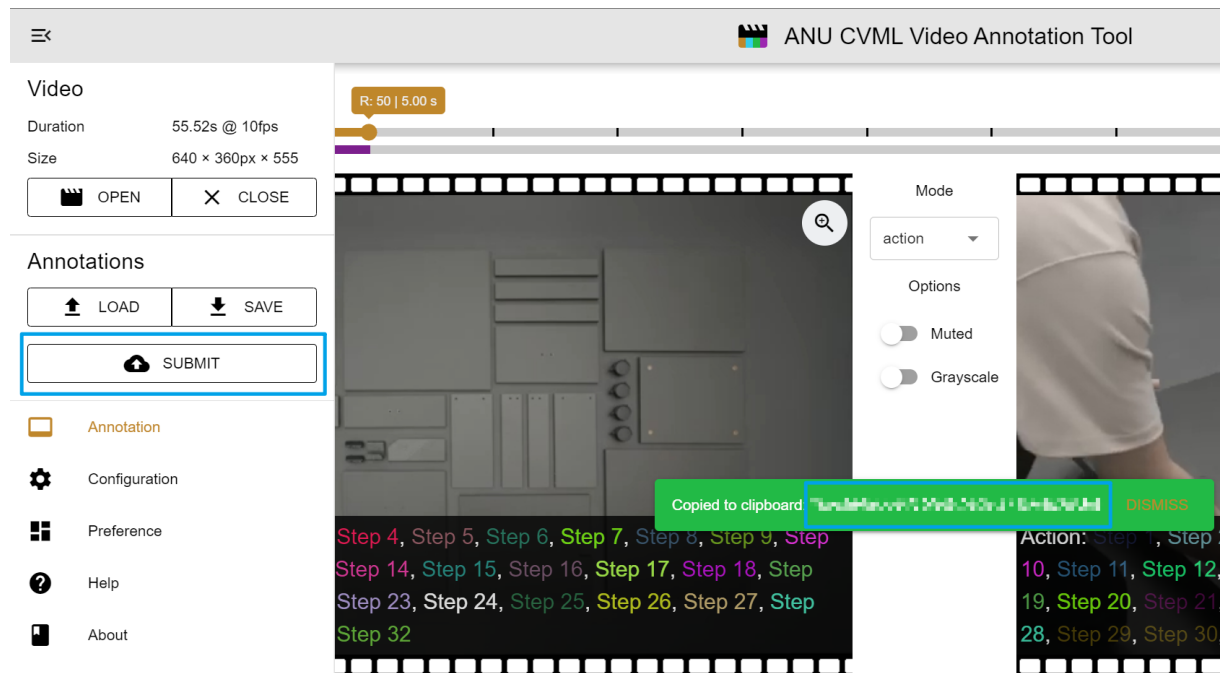


Figure 16: Your submission id will be notified and copied to your clipboard automatically. This is REALLY IMPORTANT as it is the only prove of your work. Please do paste the correct submission id back to the MTurk.

4 Submit In MTurk

Video Annotation Instructions (Click to expand)

Vidat link:	https://vidat2.davidz.cn?annotation=/dataset/Furniture/Chairs/30483049/annotation/task-30483049-1B6SIbTqou4.json&showObjects=false&showRegions=false&showSkeletons=false&showActions=true&showPopups=false&grayscale=false&decoder=auto&muted=false&zoom=false&defaultFps=10&defaultFpk=50&submitURL=https%3A%2F%2Fmturk.davidz.cn%2Ftask%2Fsubmit%2F3%2F
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Provide the submission code here:

776c4cc6-b15e-4af3-b125-818756111985

Submit

Figure 17: Paste the submission id and click submit.

Thanks for your cooperation, cheers!