
MTurk Instruction - Turker

Jiahao Zhang



Mar. 1, 2022

Contents

1	Sign In or Create an Account	3
2	Find Our Hit	3
3	Annotation In Vidat	4
3.1	Vidat Introduction	4
3.2	Steps	6
4	Submit In MTurk	9

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'. The search bar contains 'IKEA Assembly Instruction Video Segmentation'. Below the navigation bar, there's a section titled 'All HITS' with a sub-header 'Your HITS Queue'. It shows '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 table has one row with the requester 'Jiahao Zhang', title 'IKEA Assembly Instruction Video Segmentation', 3 HITS, a reward of \$1.00, and created 2m ago. The 'Actions' column for this row has a button labeled 'Accept & Work' which is highlighted with a red box. At the bottom of the table, there are navigation links: '< Previous', '1', and 'Next >'.

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/annotation/task-30483049-IB6S1bTqou4.json&showObjects=false&showRegions=false&showSkeletons=false&showActions=true&showPopup=false&grayscale=false&decoder=auto&muted=false&zoom=false&defaultFps=10&defaultFpk=50&submitURL=https%3A%2F%2Fmturk.davidz.cn%2Ftask%2Fsubmit%2F3%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/annotation/task-30483049-IB6S1bTqou4.json&showObjects=false&showRegions=false&showSkeletons=false&showActions=true&showPopup=false&grayscale=false&decoder=auto&muted=false&zoom=false&defaultFps=10&defaultFpk=50&submitURL=https%3A%2F%2Fmturk.davidz.cn%2Ftask%2Fsubmit%2F3%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 Vidat Introduction

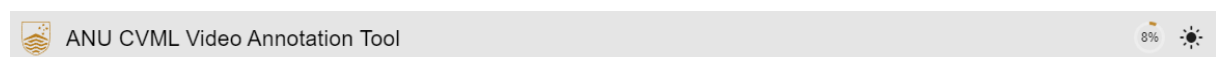


Figure 5: Header a video caching status and a dark mode toggle. Once all frames are cached, you can change the frame smoothly.

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

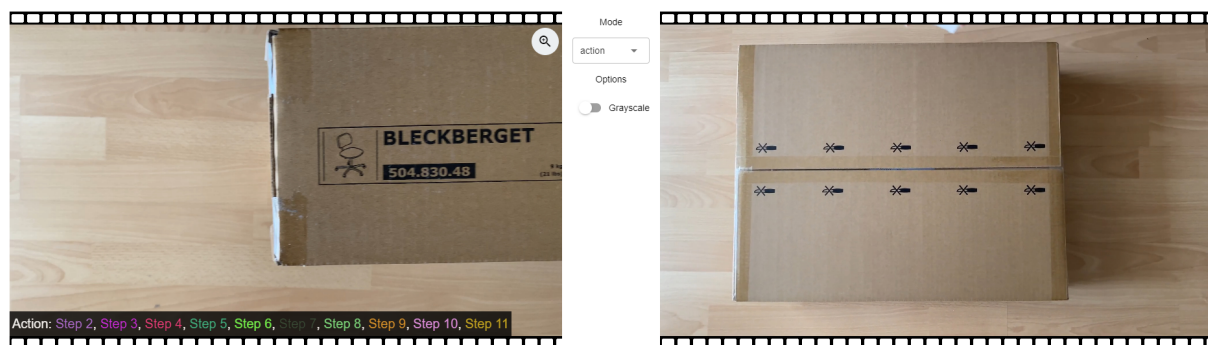





Figure 7: Left/Right Canvas Panel and Control Panel (in the middle) there is an action indicator on the left-bottom corner to show actions which cover current frame.

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	#A020F2		⊕ Ⓞ 🗑
0	0	0.00	Step 3	default	#D10AE2		⊕ Ⓞ 🗑
0	0	0.00	Step 4	default	#F72171		⊕ Ⓞ 🗑
0	0	0.00	Step 5	default	#21AB76		⊕ Ⓞ 🗑
0	0	0.00	Step 6	default	#507C5A		⊕ Ⓞ 🗑
0	0	0.00	Step 7	default	#1E3A25		⊕ Ⓞ 🗑
0	0	0.00	Step 8	default	#507C72		⊕ Ⓞ 🗑
0	0	0.00	Step 9	default	#DCB212		⊕ Ⓞ 🗑
0	0	0.00	Step 10	default	#E0A4E7		⊕ Ⓞ 🗑
0	0	0.00	Step 11	default	#C0A207		⊕ Ⓞ 🗑

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

3.2 Steps

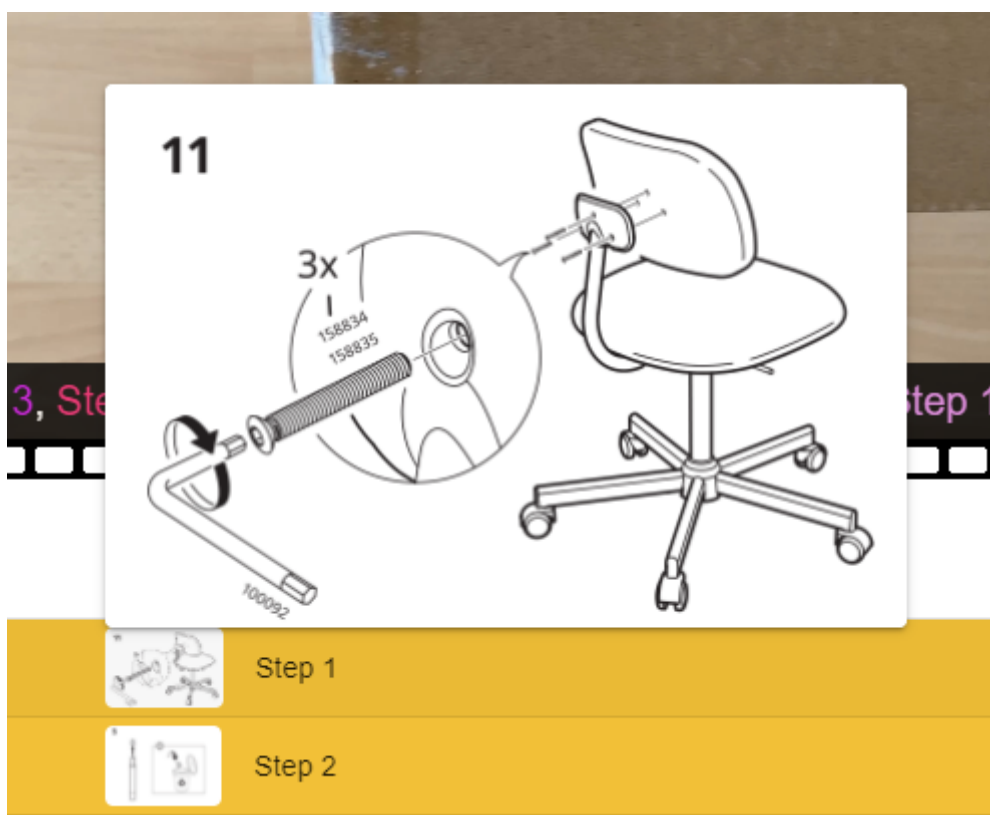


Figure 9: Click the thumbnail to view each step. Click it again to close the popup.

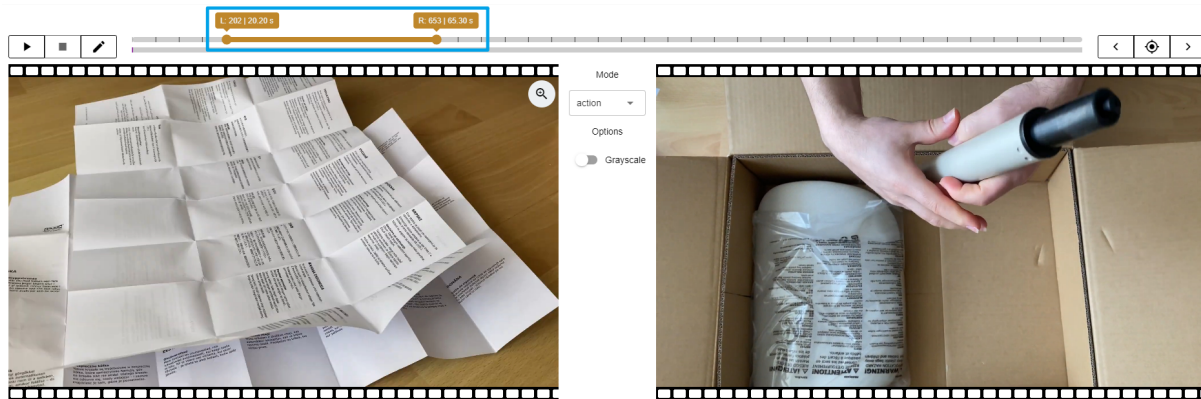


Figure 10: Locate left and right panel to align start and end frame.



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

start	end	duration	action	object	color	description	operation
20.2	65.3	45.10	Step 1	default	#5A0CE3		⊙ ✎ 🗑
0	0	0.00	Step 2	default	#A52A2A		⊙ ✎ 🗑
0	0	0.00	Step 3	default	#C71585		⊙ ✎ 🗑
0	0	0.00	Step 4	default	#F7271F		⊙ ✎ 🗑
0	0	0.00	Step 5	default	#21AB76		⊙ ✎ 🗑
0	0	0.00	Step 6	default	#90EE90		⊙ ✎ 🗑
0	0	0.00	Step 7	default	#1E3A25		⊙ ✎ 🗑
0	0	0.00	Step 8	default	#90EE90		⊙ ✎ 🗑
0	0	0.00	Step 9	default	#DC143C		⊙ ✎ 🗑
0	0	0.00	Step 10	default	#FF69B4		⊙ ✎ 🗑
0	0	0.00	Step 11	default	#C8A220		⊙ ✎ 🗑

Records per page: All 1-11 of 11

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

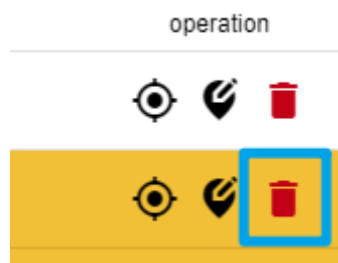


Figure 13: Delete the segment if it is not shown in the video.

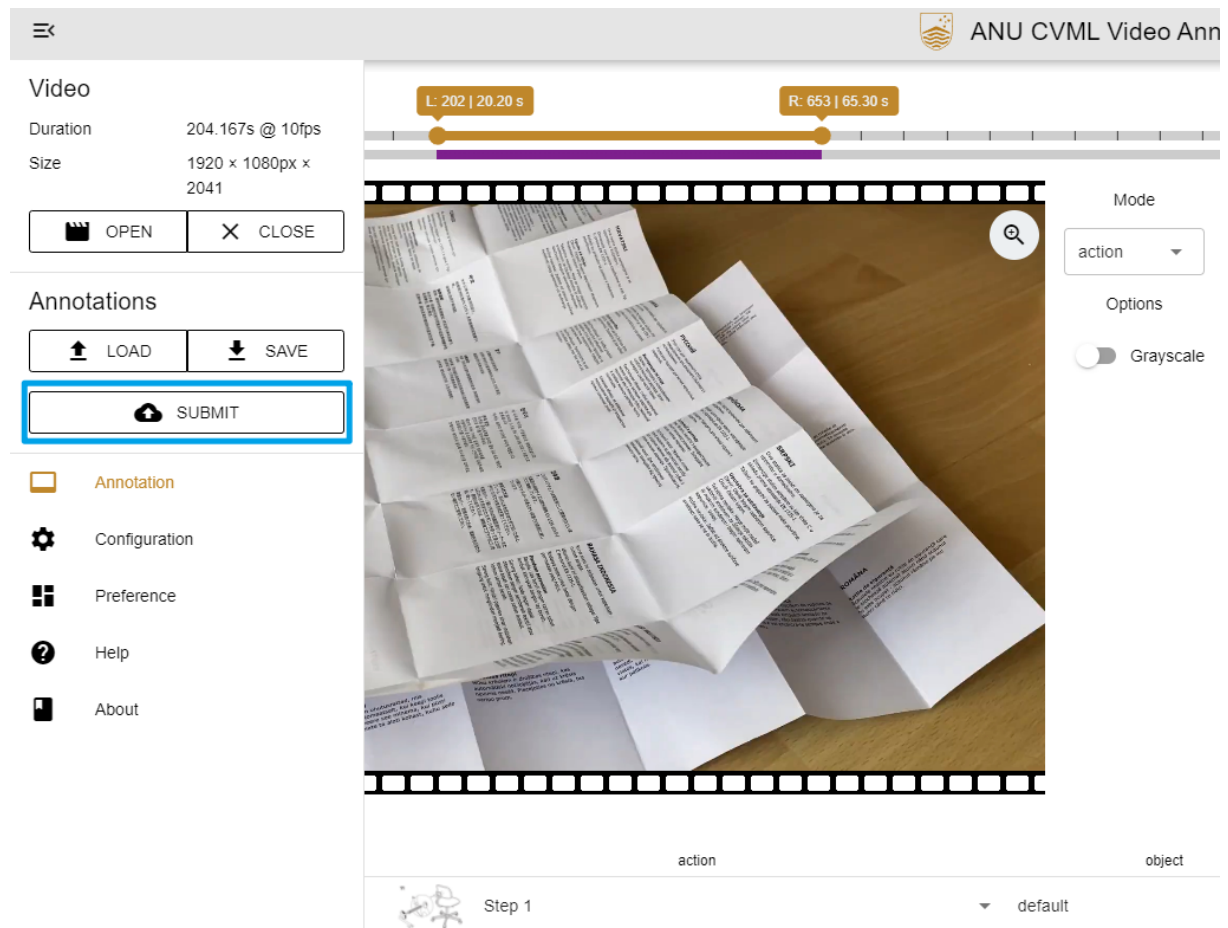


Figure 14: Open the side menu after finishing annotation, and click submit button

Please check the followings before submitting

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

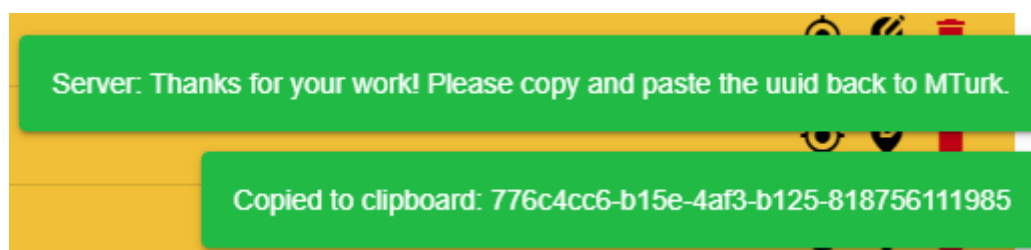


Figure 15: Your submission id will be notified and copied to your clipboard.

4 Submit In MTurk

Video Annotation Instructions (Click to expand)

Vidat link:	https://vidat2.davidz.cn?annotation=/dataset/Furniture/Chairs/30483049/annotation/task-30483049-IB6SibTqou4.json&showObjects=false&showRegions=false&showSkeletons=false&showActions=true&showPopup=false&grayscale=false&decoder=auto&muted=false&zoom=false&defaultFps=10&defaultFpk=50&submitURL=https%3A%2F%2Fmturk.davidz.cn%2Ftask%2Fsubmit%2F3%2F
-------------	---

Provide the submission code here:

776c4cc6-b15e-4af3-b125-818756111985

Submit

Figure 16: Paste the submission id and click submit.

Thanks for your cooperation, cheers!