|  | Labeling Capabilities | Collaboration | Liscence | Stack | Maintained |
| --- | --- | --- | --- | --- | --- |
| CVAT  <https://github.com/opencv/cvat> | Image and video  Bounding Box  Polygon  Polyline  Points  Cuboid  Tagging  Keyframes  Interpolation  Export to various formats including YOLO | Many users can be assigned on the same project but annotate different images.  <https://github.com/opencv/cvat/issues/125> | MIT | Django, PostgresSQL, React, TypeScript, Redis, NGINX, Dockerized | Last commit: 06 Jul 2023 |
| Label-Studio  <https://github.com/heartexlabs/label-studio/> | Text Classification  Named Entity Recognition (NER)  Sentiment Analysis  Image Classification  Object Detection  Image Segmentation  Audio Transcription and Annotation  Time Series Annotation  Video Annotation  Export to various formats including YOLO | Many users can annotate the same image on separate sessions. The best version can be manually chosen. Was not able to find the code for the canvas (possibly compiled js) | Apache-2.0 | Django, PostgresSQL, React, TypeScript, Redis, NGINX, Dockerized | Last commit: 06 Jul 2023 |
| Make-Sense  <https://github.com/SkalskiP/make-sense> | Image labeling only.  Rectangles  Lines  Polygons  Points  Export to various formats including YOLO | Since it is only frontend there is no concept of multiple users or collaboration | GPL-3.0 | Only frontend. React, TypeScript, Dockerized | Last commit: 14 Feb 2023 |
| Roboflow  <https://roboflow.com/>  <https://github.com/roboflow>  <https://blog.roboflow.com/on-prem/> | Enterprise software. Can do everything | Same as label-studio. No real-time collab feature | Self-hosted open source project currently under development | Uknown | Last commit: 07 Jul 2023 (on other repositories of the roboflow team) |
| V7  <https://www.v7labs.com/>  <https://github.com/v7labs> | Enterprise software. Can do everything | Includes a real-time collab feature  <https://www.v7labs.com/labeling-service> | No self-host option found | Uknown | Last commit: 07 Jul 2023 (on other repositories of the v7 team) |

**Table based on** [GitHub - heartexlabs/awesome-data-labeling: A curated list of awesome data labeling tools](https://github.com/heartexlabs/awesome-data-labeling)

**General note**: Tools built using c++, python, java or anything not web based, probably wont work for us as we are using yjs which is js based

| Tool | Description |
| --- | --- |
| labelmg | Built in Python and PyQt. Now part of label-studio. |
| CVAT | Previous list |
| labelme | Python and PyQt |
| VoTT | No longer maintained, archived repo, deprecated dependencies, could not run it. |
| ImgLab | Built using vanilla HTML/CSS/JS. No backend. Decent UI but a bit buggy. Runs locally very easily. |
| Yolo\_mark | C++ app. Last commit in 2019. |
| PixelAnnotationTool | PyQt. Image segmentation, not annotation |
| OpenLabeling | PyQt. Image annotation, last commit 2020. Looks good |
| imagetagger | Django, supports collaboration but not realtime |
| Alturos.ImageAnnotation | Docs say collaboration but last commit in 2020. Could not run |
| Deeplabel | C++, last commit Apr 2022 |
| MedTagger | Angular, Flask, PostresSQL, last commit 2021. Could not run |
| LabelBox | Could not find anything open-source. Tool looks good. Could not find real-time collab feature |
| turktool | Extremely minimal, basically nothing |
| Pixie | Bounding boxes, polygons, video annotation. Minimal, written in javam outdated, kast commit 2019 |
| OpenLabeling | Python, last commit 2020 |
| Anno-Mage | Python, last commit 2020 |
| CATMAID | Django, confusing UI. Could not run |
| make-sense | Previous list |
| LOST | Promising, UI is confusing, working on it |
| Annotorious | JS library for image annotation, not full tool. Could be useful, its updated |
| sloth | Mde in python, GPL. Extremely outdated, last commit 2017 |