Outils
d'annotation (mask)
Segmentation
pour le Active Learning

Pixel annotation ground truth

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Offres rencontrées

- Plateforme complète
- Outils d'annotation
    - Assisté par modèle IA
    - manuel
- Sous-traitance

- Ouvert libre
    - MIL
    - Apache 2.0
- Licence payant mois / utilisateur
- Crédits
- Gratuit communauté universitaire / recherche

Outils rencontrés

- Vector
- Bitmap/pixel
- Videos
- 2d
- 3d

Classiques
- Restangle, polygon, polyline, points, brush, eraser, bounding boxes, cuboid (3d), image tags, label attributes, hotkeys/shortkeys

Assistées par IA
- Smart tool (supervise.ly)
- AI tools (CVAT)
- Auto-Annotate (V7Labs)
- Smart segmentation (SuperAnnotate)
- DEXTR (4 points) (Hasty.ai)
- AI Assistant (Hasty.ai)
  - class prediction
  - object detection
  - instance segmentation

Méthodes spéciales (non assistées par IA)
- Contour (hasty.ai)
- Magic wand (hasty.ai)
- GrabCut (hasty.ai)
- SLIC Superpixels[1] (puzzle / casse-tête) (LabelBox)
- OpenCV tool (CVAT)
  - Automatic border

[1] https://www.iro.umontreal.ca/~mignotte/IFT6150/Articles/SLIC_Superpixels.pdf

Fonctionnalités rencontrées

- Web
- On-premise / hosted / Saas cloud
- Vector, Bitmap, Pixel editor
- 2d, 3d, images, videos
- AI assisted, manual annotation

- Project management
- Quality management
- Dashboards and analytics
- User roles
- Documentation and email Support

- Statistics Role management Integrations
- API SDK
- Dataset import
- Smart export
- Integration into workflows

- Annotator Metrics
- Review and QA
- Secure
- Medically Compliant
- File management

- Leverage your models Turn predictions into ground truth
- Active learning Implement active learning pipelines
- Automation

Choix

1. V7labs Darwin $ plateforme https://www.v7labs.com
2. SuperAnnotate $ plateforme openCV https://superannotate.com/
3. Supervise.ly $* plateforme https://supervise.ly/
4. LabelBox $ plateforme https://labelbox.com/
5. CVAT gratuit outil Intel https://github.com/openvinotoolkit/cvat
6. Hasty.ai $ plateforme https://hasty.ai/
7. AIDE Annotation Interface for Data-driven Ecology gratuit plateforme Microsoft https://github.com/microsoft/aerial_wildlife_detection
8. VIA VGG Image Annotator gratuit outil https://www.robots.ox.ac.uk/~vgg/software/via/
9. VoTT Visual Object Tagging Tool gratuit outil Microsoft https://github.com/microsoft/VoTT
10. Slava label-tool gratuit outil https://github.com/Slava/label-tool
11. semantic-segmentation-editor gratuit outil Hitachi https://github.com/Hitachi-Automotive-And-Industry-Lab/semantic-segmentation-editor
12. Playment.io $* plateforme https://playment.io/
13. Anolytics outsource https://www.anolytics.ai/semantic-segmentation-services/
14. segments.ia outsource https://segments.ai
15. Xyonix outsource https://www.xyonix.com
16. Scalabel gratuit plateforme https://www.scalabel.ai/
17. Heartex (Label Studio) gratuit outil https://heartex.com/