

Fishial.AI tool is free and is easy to use.



FISHIAL.AI

Fishial.AI is a project sponsored by the Wye Foundation. Inc. to support the development of fish identification technology, using artificial intelligence.

“ENABLING FISHIAL RECOGNITION™.”

The first phase of Fishial.AI project is ongoing and is building the largest open-source fish image library pre-labeled for AI machine learning.

To collect fish images from across the globe the Fishial.AI team has created a web-based portal that allows members to join our cause. With your help we will teach computers to “see” and identify fish species within photos.

Upload your fish images, tag your fish species, confirm the ML bounding box polygon around the fish and create polygons for the identifying fish attributes.

Fishial.AI will change the way the world sees fish and will enable a quantum leap in the research and development of AI. We invite you to join us as we strive to make this exciting new technology a reality.

Do you have a passion for marine or freshwater fishes or artificial intelligence?

We’re looking for participation from the world community to contribute fish species photos and the man-power to label the photos for machine learning (ML).

We are also seeking experts in the artificial intelligence, machine learning and computer vision fields to assist in building and fine-tuning the fish identification neural network.

Visit <https://Fishial.AI> to find out more about our project and how to join the community.



FISHIAL.AI

ENABLING FISHIAL RECOGNITION™

THE FISHIAL.AI CROWDSOURCING PORTAL & ML TAGGING EDITOR

Accessing The Portal

The portal is located at <https://Portal.Fishial.AI> and allows a user to register for an account and/or join an existing team. Once signed in a user can update their user profile join a team or start to upload photos into their image library.

Main Portal Features

- 100% cost free for anyone to use and contribute to the effort
- Web based multiple user crowd-sourcing image portal
- Allows uploading fish images and quick tagging
- Built in machine learning tagging editor
 - Draw a polygon around a fish in the image
 - Automatic object selection & polygon creation tool using AI
 - Tag fish species in image and other meta tags
 - See & set image copyrights per image
 - Draw polygons around various fish traits in selected object
 - Tag fish species in image
 - Fish traits helper key below image
 - Fish traits that can be tagged
 - Mouth form, Caudal Fin, Pectoral Fin, Anal Fin, Head shape, Dorsal Fin, Eye
 - Multiple fish species can be tagged creating one polygon per fish in photo
- Supports Teams
 - One or more Individual can create or join a team
 - Work on a common set of images together

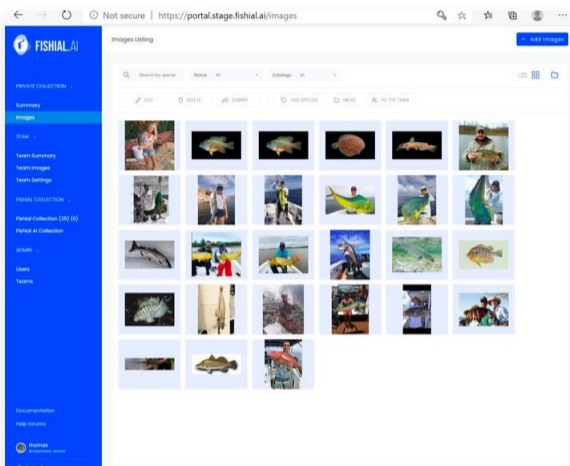
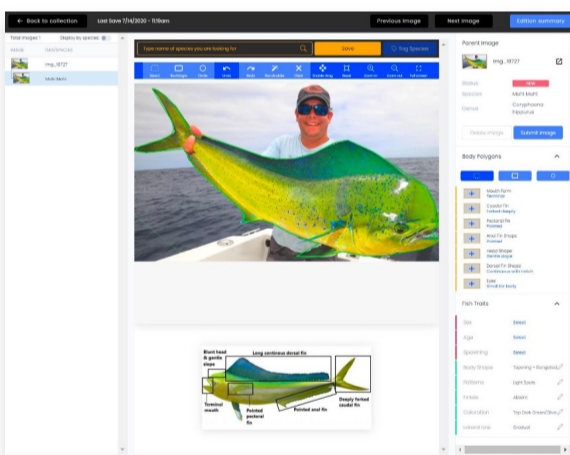
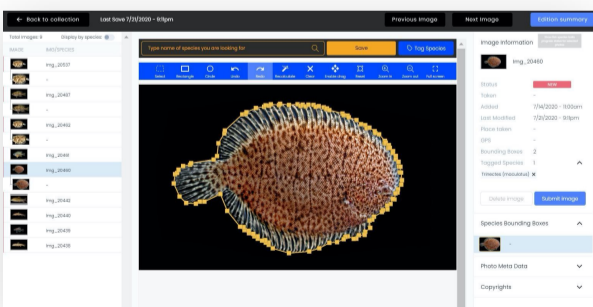


Image Library



AI Tagging Trait Editor



Polygon Drawing Editor

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