Object Detection Project

LaundryTagsDetector

Model Sources (1)

LaundryTagsDetector 1

Iteration 14.000

Data Sources (2)

train

test

Train More | Snapshot | Settings | Training | Evaluation | Preview | Output | Activity

93% Training | 59% Validation | 55% Testing

LaundryTagsDetector 1

Get | Xcode

Model Type Object Detector

Size 32,6 MB

Document Type Core ML Machine Learning Model

Availability macOS 10.14+ | iOS 12.0+ | watchOS 5.0+ | tvOS 12.0+ | visionOS 1.0+

General | Predictions

Metadata

Description
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Author
João Bruno Rodrigues de Freitas

License
--

Version
--

Additional Metadata

iterations
14000

Class Labels 30

Label
1-0
1-30-0
1-30-1
1-30-2
1-40-0
1-40-1
1-40-m
2-0
2-1-0
3-0
3-60

Activity 3 December 2024

Snapshot Saved 08:59
Snapshot created at iteration 14000

23 June 2024

Testing Completed 15:28
LaundryTagsDetector 1

Testing Started 15:28
LaundryTagsDetector 1

Training Completed 15:28
14.000 iterations

Training Started 12:11
14.000 iterations

Data Source Created 12:04
test

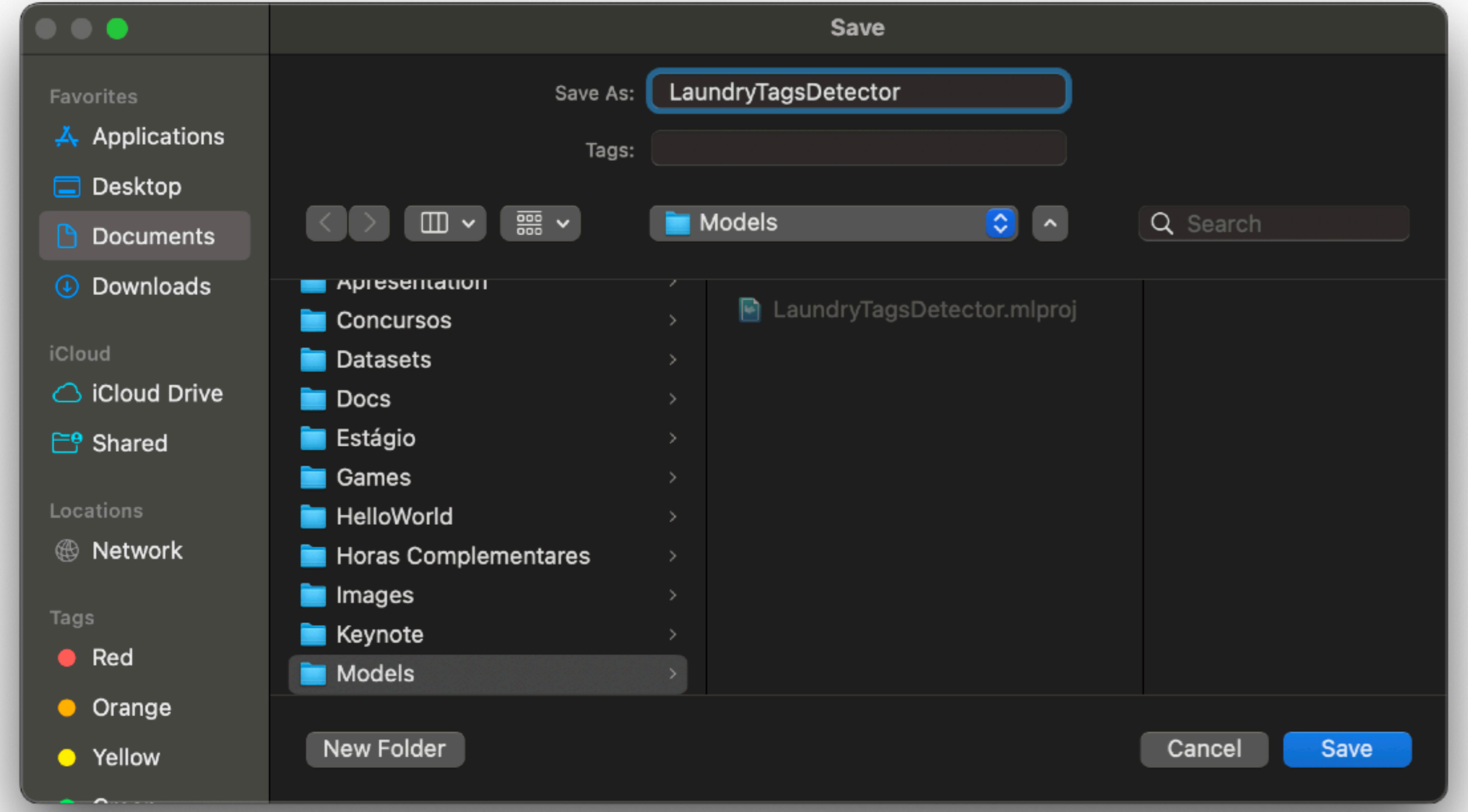
Training Data Added 12:04
train

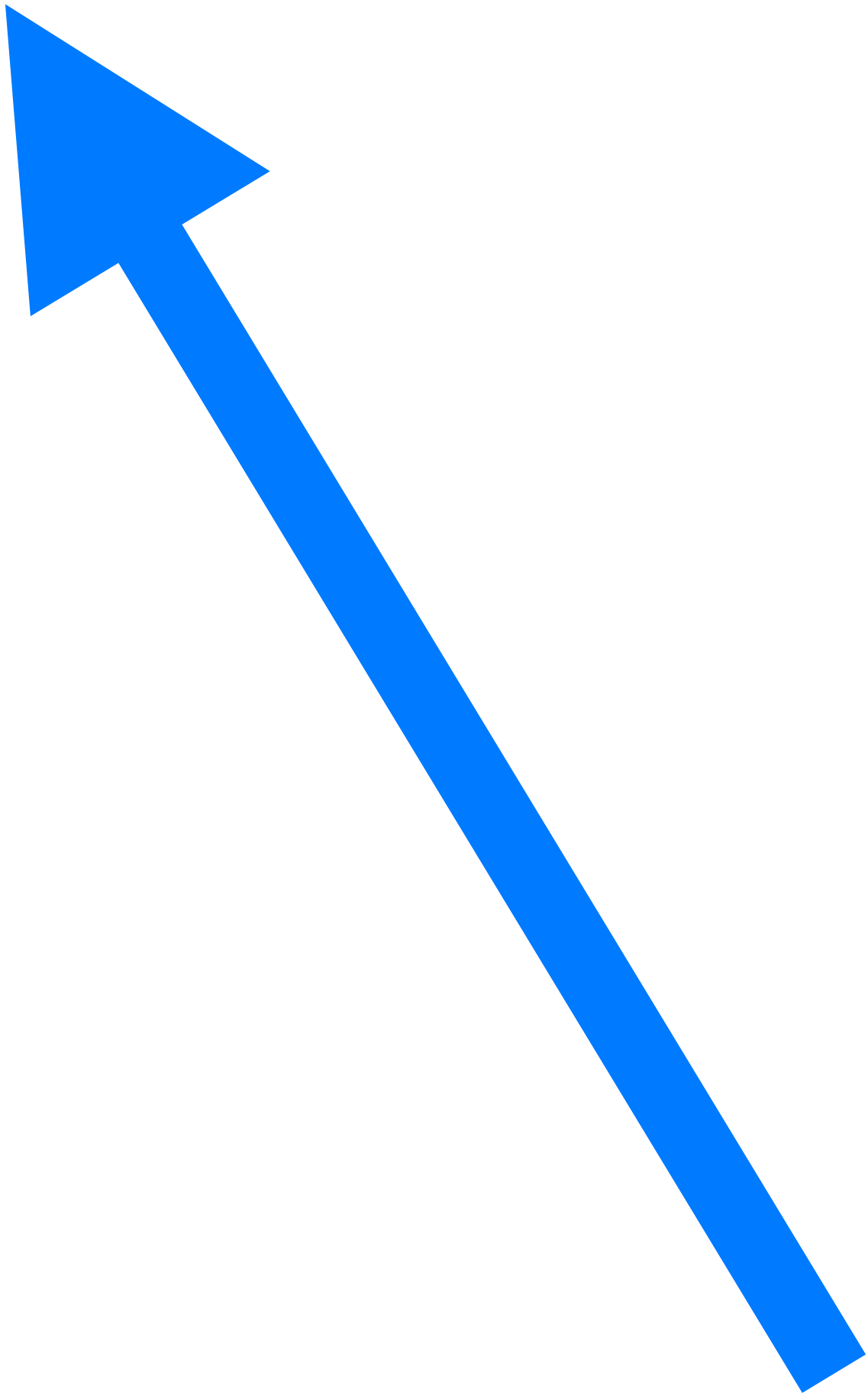
Model Source Created 12:04
LaundryTagsDetector 1

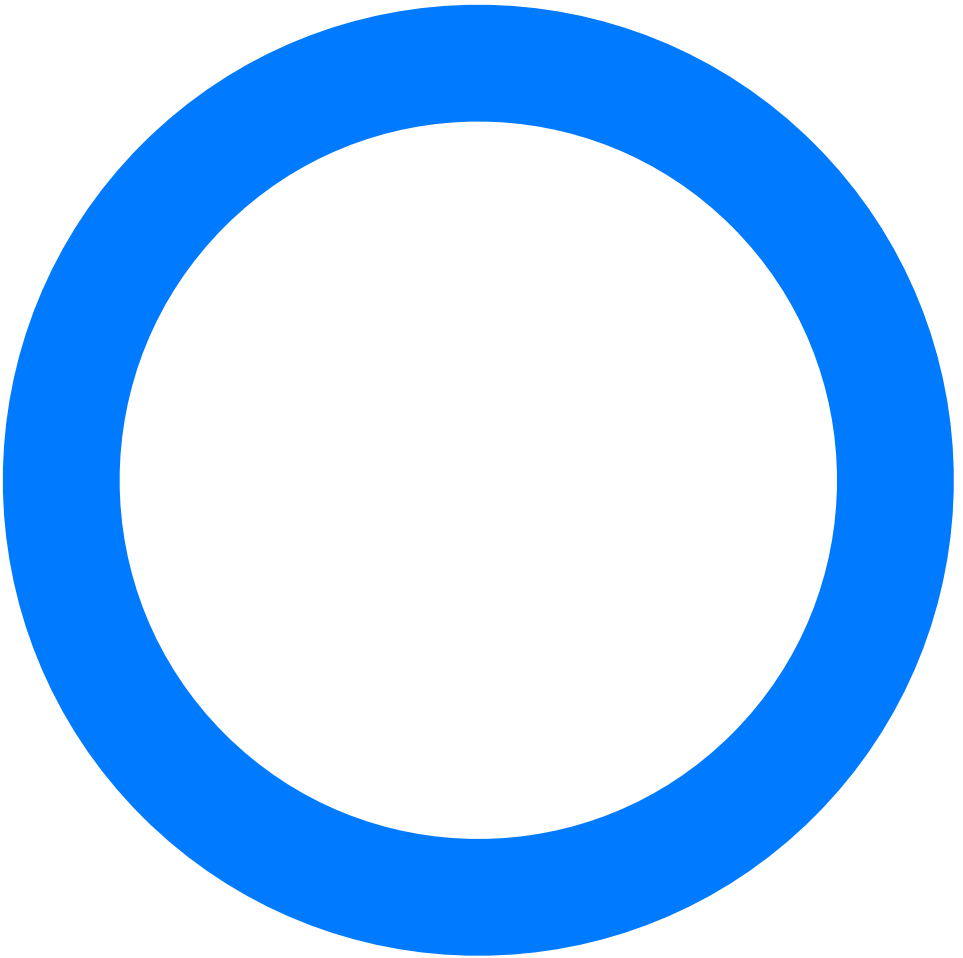
Data Source Created 11:51
train

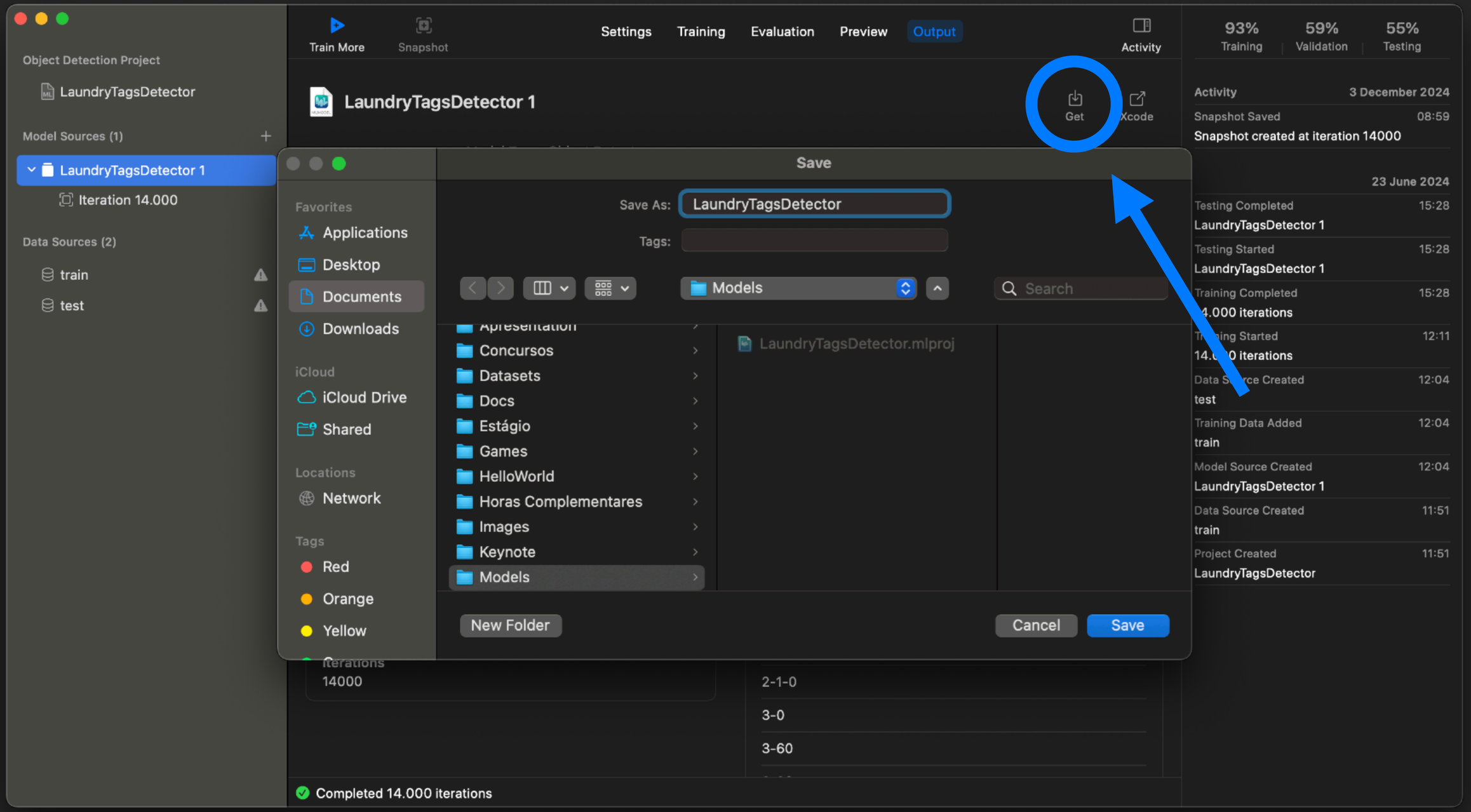
Project Created 11:51
LaundryTagsDetector

Completed 14.000 iterations


Save
Favorites
Applications
Desktop
Documents
Downloads
iCloud
iCloud Drive
Shared
Locations
Network
Tags
Red
Orange
Yellow
Save As: LaundryTagsDetector
Tags:
Models
Search
Apresentation
Concursos
Datasets
Docs
Estágio
Games
HelloWorld
Horas Complementares
Images
Keynote
Models
LaundryTagsDetector.mlproj
New Folder
Cancel
Save






Object Detection Project
LaundryTagsDetector
Model Sources (1)
LaundryTagsDetector 1
Iteration 14.000
Data Sources (2)
train
test
Train More
Snapshot
Settings
Training
Evaluation
Preview
Output
Activity
LaundryTagsDetector 1
Get
Xcode
93%
Training
59%
Validation
55%
Testing
Activity
3 December 2024
Snapshot Saved
08:59
Snapshot created at iteration 14000
23 June 2024
Testing Completed
15:28
LaundryTagsDetector 1
Testing Started
15:28
LaundryTagsDetector 1
Training Completed
15:28
4.000 iterations
12:11
12:04
test
Training Data Added
12:04
train
Model Source Created
12:04
LaundryTagsDetector 1
Data Source Created
11:51
train
Project Created
11:51
LaundryTagsDetector
Save
Save As:
LaundryTagsDetector
Tags:
Favorites
Applications
Desktop
Documents
Downloads
iCloud
iCloud Drive
Shared
Locations
Network
Tags
Red
Orange
Yellow
Models
Search
Concursos
Datasets
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Images
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Models
LaundryTagsDetector.mlproj
New Folder
Cancel
Save
14000
2-1-0
3-0
3-60
Completed 14.000 iterations

All Technologies
Vision
Still-image analysis
{} Classifying images for categorization and s...
S ClassifyImageRequest
Pr ImageProcessingRequest
C ImageRequestHandler
Pr VisionRequest
Pr VisionObservation
Image sequence analysis
C GeneratePersonSegmentationRequest
S GeneratePersonInstanceMaskRequest
S DetectDocumentSegmentationRequest
Pr StatefulRequest
Image aesthetics analysis
{} Generating high-quality thumbnails from vi...
S CalculateImageAestheticsScoresRequest
Saliency analysis
S GenerateAttentionBasedSaliencyImageReq...
S GenerateObjectnessBasedSaliencyImageR...
Filter /

Vision / Original Objective-C and Swift API / Recognizing Objects in Live Capture

Sample Code

Recognizing Objects in Live Capture

Apply Vision algorithms to identify objects in real-time video.

Download

iOS 12.0+ | iPadOS 12.0+ | Xcode 11.3+

Overview

With the Vision framework, you can recognize objects in live capture. Starting in iOS 12, macOS 10.14, and tvOS 12, Vision requests made with a Core ML model return results as `VNRecognizedObjectObservation` objects, which identify objects found in the captured scene.

This sample app shows you how to set up your camera for live capture, incorporate a Core ML model into Vision, and parse results as classified objects.

Link: https://developer.apple.com/documentation/vision/recognizing-objects-in-live-capture