
You Only Look Once Unified Real Time Object Detection

You Only Look Once: Unified, Real-Time Object
Detection ...

[1506.02640] You Only Look Once: Unified, Real-
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Survival Strategies for the Robot Rebellion -
Joseph Redmon

Abstract arXiv:1506.02640v5 [cs.CV] 9 May 2016

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(YOLO) is a
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art, real-time
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detection
system. On a
Pascal Titan X
it processes
images at 30

FPS and has a
mAP of 57.9%
on COCO test-
dev.
Comparison to
Other
Detectors
YOLOv3 is
extremely fast
and
accurate.YOLO
: Real-Time
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detecting
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Pascal VOC
2012 dataset.
It can detect
the 20 Pascal
object classes:

person. bird,
cat, cow, dog,
horse, sheep.
airplane,
bicycle, boat,
bus, car,
motorbike,
train. bottle,
chair, dining
table, potted
plant, sofa,
tv/monitor.
Cool, right?
But what?
how?YOLO
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Abstract: We
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A single
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objects are present and where they are. YOLO is refreshingly simple: see Figure 1. Abstract arXiv:1506.02640v5 [cs.CV] 9 May 2016 www.cv-foundation.org www.cv-foundation.org You Only Look Twice: Rapid Multi-Scale Object Detection In Satellite Imagery Adam Van E—en CosmiQ Works, In-Q-Tel avane—en@iq.t.org ABSTRACT Detection of small objects in large

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<p><i>Object ...</i> You Only Look Once: Unified, Real-Time Object Detection. J. Redmon, S. Divvala, R. Girshick, and A. Farhadi. (2015)cite arxiv:1506.02 640. ... BibSonomy is offered by the KDE group of the University of Kassel, the DMIR group of the University of Würzburg, and the L3S Research Center, ... <i>You Only Look Once: Unified, Real-Time Object Detection ...</i> You only look once (YOLO) is a system for</p>	<p>detecting objects on the Pascal VOC 2012 dataset. It can detect the 20 Pascal object classes: person. bird, cat, cow, dog, horse, sheep. aeroplane, bicycle, boat, bus, car, motorbike, train. bottle, chair, dining table, potted plant, sofa, tv/monitor. Cool, right? But what? how? <i>Survival Strategies for the Robot Rebellion - Joseph Redmon</i> If you have a disability and are having trouble</p>	<p>accessing information on this website or need materials in an alternate format, contact web- accessibility@ cornell.edu for assistance.we b- accessibility@ cornell.edu for assistance. <i>Abstract arXiv:1506.02 640v5 [cs.CV] 9 May 2016</i> You Only Look Once: Unified, Real-Time Object Detection (arxiv.org) ... It seems miraculous that a process of estimating and refinement, guided by</p>
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Classify images with popular models like ResNet and ResNeXt. *You Only Look Twice: Rapid Multi-Scale Object Detection In ...* You Only Look Once Uni **www.cv-foundation.org** You Only Look Twice: Rapid Multi-Scale Object Detection In Satellite Imagery Adam Van E–en CosmiQ Works, In-Q-Tel avane–en@iq-t.org ABSTRACT Detection of small objects in large

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