**Open source**   
  
A simple online and realtime tracking algorithm for 2D multiple object tracking in video sequences.

<https://github.com/abewley/sort>

**Candidates**

YOLO: Real-Time Object Detection

<https://github.com/pjreddie/darknet/wiki/YOLO:-Real-Time-Object-Detection>

Fast R-CNN: Fast Region-based Convolutional Networks for object detection  
<https://github.com/rbgirshick/fast-rcnn>

Faster R-CNN: Towards Real-Time Object Detection with Region Proposal Networks

<https://github.com/rbgirshick/py-faster-rcnn>