

eventually this should use
NFN-style interests and be stateless

Using Darknet Yolo
with (what library?)

Using Unity+Tango
over CNL (JeffT)

TBD

EDGE COMPUTE NODE
(Yuanjie)

MOBILE TERMINAL
(Peter, Therese)

CONTENT PUBLISHER
(start in Fall)

Node: /icear/compute/<node-id>

Node: /icear/mobile/<node-id>

/icear/user/<user-id>/context

/icear/user/<user-id>/context

semantic-annotations

camera-viewpoint

/arbitrary

set-based
naming
would be useful here

spatially organized

semantically organized

content grains
with consistent metadata

ndn-rtc style

ndn-rtc namespace

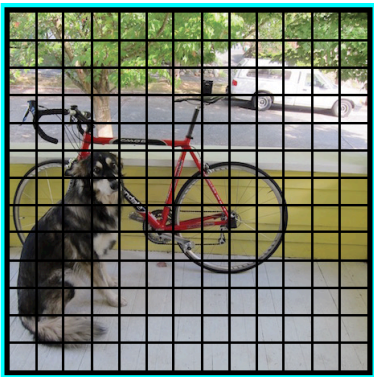
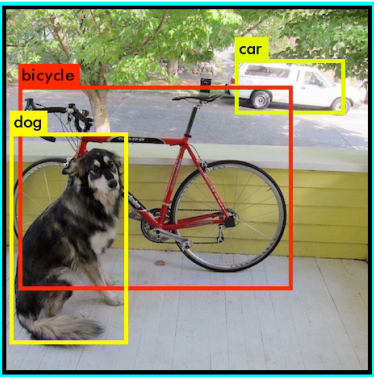
t=0 t=1 t=2 ...

t=0 t=1 t=2 ...

tuples:
2D or 3D bounding box,
semantic classification

video samples

odometry / location metadata



Publishing / consuming are asynchronous, but
colored arrows show the simple case of a direct
causal relationship between data in time.