Problem Statement:

Detecting objects in images is a key area of interest with several use cases across different scenarios in web search and image retrieval. Similar to ILSVRC2014 and PASCAL VOC Challenge we would like to perform object detection task. There are 200 basic-level categories which are fully annotated on the test data, i.e. bounding boxes for all categories in the image have been labeled. The categories were carefully chosen considering different factors such as object scale, level of image clutterness, average number of object instance, and several others.

Additionally, the following additional 25 categories listed below, are of interest, for which we would like the participants to create their own training image sets. Note: a given image can have multiple objects (e.g, car and bicycle).

The submission will be evaluated against a held out set comprising images from a combination of the 225 categories and test image that do not belong to any of the 225 categories.

Submission

1.   Document describing the method
2.   Self-contained archive for evaluation on held out set (model + code + executable + libraries + makefile)
3.   Training set generated (max 10 images per category for the 25 categories)
4.   The evaluation code will get a directory as input. The directory contains test images with the name pattern **[0-9][0-9][0-9][0-9].jpg.**
5.   The output from the evaluator should be of the format
<tab>category1<tab>category2<tab>category3...
<tab>category1<tab>category2<tab>category3...

Additional Categories:

1. girl and hand bag
2. phone and tablet
3. phone and headphones
4. pizza and pasta
5. pizza and fries
6. car and bike
7. mouse and keyboard
8. complimentary wifi
9. red women shoes
10. blue party gowns
11. table and chairs
12. induction cooktop and copper pots
13. bookshelf without books
14. baseball and basketball
15. bracelets and earrings
16. tennis ball and racket
17. pots and pans
18. camera and tripod
19. bike and sidecar
20. jacket and scarf
21. vase and flowers
22. shoes and socks
23. flowers phone case
24. pen and pencil
25. cup and saucer