

## HEADING

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 + make-file)
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  

```
<image file name><tab>category1<tab>category2<tab>category3...
<image file name><tab>category1<tab>category2<tab>category3...
```

## ADDITIONAL CATEGORIES:

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