Object Recognition

- 100 cluster centers
- Trained on 10 images from every category
- Tested on 10 from every category, except 40 from minarets

<table>
<thead>
<tr>
<th></th>
<th>airplane</th>
<th>car</th>
<th>elephant</th>
<th>faces</th>
<th>minaret</th>
<th>rhino</th>
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<tr>
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<tr>
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<td>0.11</td>
<td>0.43</td>
<td>0.25</td>
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</table>
Other Stuff

- MSVC++ 2008 (DreamSpark)
- OpenCV
- Optical Flow (David Stavens)
- Cygwin
- Ubuntu

```bash
Administrator@bojangles ~/Music/musicretr-1.0
$ codewav
Usage: codewav descriptors.txt recording.wav outbits.keys
```
Cool projects

- In no particular order:
  - KNIGHT – interaction detection (if available)
  - Arjun’s UAV tracking or Worm guy’s stuff
    - Trecvid
  - Side project: Super Resolution hard math stuff