

# GoogleNet

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1 # Enter your network
  definition here.
2 # Use Shift+Enter to
  update the
  visualization.
3 name: "GoogleNet"
4 layer {
5   name: "data"
6   type: "Input"
7   top: "data"
8   input_param { shape:
9     { dim: 10 dim: 3 dim:
10      224 dim: 224 } }
11 }
12 layer {
13   name: "conv1/7x7_s2"
14   type: "Convolution"
15   bottom: "data"
16   top: "conv1/7x7_s2"
17   param {
18     lr_mult: 1
19     decay_mult: 1
20   }
21   param {
22     lr_mult: 2
23     decay_mult: 0
24   }
25   convolution_param {
26     num_output: 64
27     pad: 3
28     kernel_size: 7
29     stride: 2
30     weight_filler {
31       type: "xavier"
32       std: 0.1
33     }
34     bias_filler {
35       type: "constant"
36       value: 0.2
37     }
38   }
39 }
40 layer {
41   name:
42   "conv1/relu_7x7"
43   type: "ReLU"
44   bottom:
45   "conv1/7x7_s2"
46   top: "conv1/7x7_s2"
47 }
48 layer {
49   name: "pool1/3x3_s2"
50   type: "Pooling"
51   bottom:
52   "conv1/7x7_s2"
53   top: "pool1/3x3_s2"
54   pooling_param {
55     pool: MAX
56     kernel_size: 3
57     stride: 2
58   }
59 }

```

