

19ch · 24×19



Network Analysis

		Ne	etwork	Analys	SIS			
			Sum	mary:				
ID	name	type batch	ch_in	dim_in	ch_out	dim_out	орв	mem
1	data conv1 1	data Convolution	3	300x300		300x300 300x300		activation 270k
2	CONVI_I	Convolution	3	300x300	04	300x300	macc 155.52M	param 5.76M 1.79k
3	relu1_1	ReLU	64	300x300	64	300x300	<b>comp</b> 5.76M	activation 5.76M
4	conv1_2	Convolution	64	300x300	64	300x300	macc 3.32G	activation 5.76M
								param 36.93k
5	relu1_2	ReLU	64	300x300		300x300	<b>comp</b> 5.76M	activation 5.76M
7	pool1 conv2_1	Pooling Convolution	64	300x300 150x150		150x150 150x150	<b>comp</b> 5.76M	activation 1.44M
,	CONV2_1	Convolution	04	130x130	120	1503150	<b>macc</b> 1.66G	activation         2.88M           param         73.86k
8	relu2_1	ReLU	128	150x150	128	150x150	<b>comp</b> 2.88M	activation 2.88M
9	conv2_2	Convolution	128	150x150	128	150x150	<b>mecc</b> 3.32G	activation 2.88M
		ReLU	128	150x150		150x150		<b>perem</b> 147.58k
10	relu2_2 pool2	Pooling	128	150x150		75x75	<b>comp</b> 2.88M	activation 2.88M
12	conv3_1	Convolution	128	75x75	256	75x75	2.88M	activation 720k
12	C011/3_1	Convolution	120	73873	230	73273	<b>macc</b> 1.66G	activation         1.44M           param         295.17k
13	relu3_1	ReLU	256	75x75	256	75x75	<b>comp</b> 1.44M	activation 1.44M
14	conv3_2	Convolution	256	75x75	256	75x75	<b>macc</b> 3.32G	activation 1.44M
								<b>perem</b> 590.08k
15 16	relu3_2 conv3_3	ReLU Convolution	256 256	75x75 75x75	256 256	75x75 75x75	<b>comp</b> 1.44M	activation 1.44M
10	cuiva_a	Convolution	230	/3X/3	250	/3X/3	<b>macc</b> 3.32G	param 590.08k
17	relu3_3	ReLU	256	75x75	256	75x75	<b>comp</b> 1.44M	activation 1.44M
18	pool3	Pooling	256	75x75	256	38x38	<b>comp</b> 1.48M	activation 369.66k
19	conv4_1	Convolution	256	38x38	512	38x38	macc 1.7G	activation 739.33k
								param 1.18M
20	relu4_1 conv4_2	ReLU Convolution	512 512	38x38	512	38x38 38x38	<b>comp</b> 739.33k	activation 739.33k
21	CORV4_2	Convolution	512	38X38	512	38X38	<b>macc</b> 3.41G	activation         739.33k           param         2.36M
22	relu4_2	ReLU	512	38x38	512	38x38	<b>comp</b> 739.33k	activation 739.33k
23	conv4_3	Convolution	512	38x38	512	38x38	<b>macc</b> 3.41G	activation 739.33k
								param 2.36M
24	relu4_3	ReLU	512	38x38	512	38x38	<b>comp</b> 739.33k	activation 739.33k
25	conv4_3_norm	Normalize	512	38x38	512	38x38	macc 739.33k add 739.33k	param 739.33k
							<b>div</b> 1.48M	
26	conv4_3_norm_mbox_priorbox	PriorBox	512	38x38	2	120x4	739.33k	
27	conv4_3_norm_mbox_conf	Convolution	512	38x38	84	38x38	<b>macc</b> 558.93M	activation 121.3k
28	conv4_3_norm_mbox_conf_perm	Pormuto	84	38x38	38	84x38		<b>param</b> 387.16k
29	conv4_3_norm_mbox_conf_flat	Flatten	38	84x38	121296	1x1		activation 121.3k
30	conv4_3_norm_mbox_loc	Convolution	512	38x38	16	38x38	<b>macc</b> 106.46M	activation 23.1k
								<b>param</b> 73.74k
31	conv4_3_norm_mbox_loc_perm conv4_3_norm_mbox_loc_flat	Permute Flatten	16 38	38x38 16x38	38 23104	16x38 1x1		activation 23.1k
33	pool4	Pooling	512	38x38	512	19x19	<b>comp</b> 739.33k	activation 184.83k
34	conv5_1	Convolution	512	19x19	512	19x19	<b>macc</b> 851.71M	activation 184.83k
								param 2.36M
35	relu5_1 conv5_2	ReLU	512	19x19	512	19x19	<b>comp</b> 184.83k	activation 184.83k
36	convs_2	Convolution	512	19X19	512	19X19	macc 851.71M	param 184.83k 2.36M
37	relu5_2	ReLU	512	19x19	512	19x19	<b>comp</b> 184.83k	activation 184.83k
38	conv5_3	Convolution	512	19x19	512	19x19	<b>macc</b> 851.71M	activation 184.83k
								perem 2.36M
39 40	relu5_3 pool5	ReLU Pooling	512	19x19	512	19x19	<b>comp</b> 184.83k	activation 184.83k
40	pool5 fc6	Convolution	512	19x19	1024	19x19	macc 1.7G	activation 184.83k
		CONTOLUCION	012		1024	13413	macc 1.7G	param 4.72M
42	relu6	ReLU	1024	19x19	1024	19x19	<b>comp</b> 369.66k	activation 369.66k
43	fc7	Convolution	1024	19x19	1024	19x19	<b>macc</b> 378.54M	activation 369.66k
44	relu7	ReLU	1024	19x19	1024	19x19		param 1.05M
45	fc7_mbox_priorbox	PriorBox	3	300x300		NaNx4	<b>comp</b> 369.66k	activation 369.66k
46	fc7_mbox_pnobox	Convolution	1024	19x19	126	19x19	<b>macc</b> 419.2M	activation 45.49k
								param 1.16M
47	fc7_mbox_conf_perm fc7_mbox_conf_flat	Permute Flatten	126 19	19x19 126x19	19 45486	126x19 1x1		activation 45.49k
49	fc7_mbox_loc	Convolution	1024	19x19	24	19x19	<b>macc</b> 79.85M	activation 8.66k
								<b>param</b> 221.21k
50 51	fc7_mbox_loc_perm fc7_mbox_loc_flat	Permute Flatten	24 19	19x19 24x19	19 8664	24x19 1x1		activation 8.66k
52	conv6_1	Convolution	1024	19x19	256	19x19	<b>macc</b> 94.63M	activation 92.42k
							200#	<b>param</b> 262.4k
53	conv6_1_relu	ReLU	256	19x19	256	19x19	<b>comp</b> 92.42k	activation 92.42k
54	conv6_2	Convolution	256	19x19	512	10x10	macc 117.96M	activation 51.2k
55	conv6_2_relu	ReLU	512	10x10	512	10x10	<b>comp</b> 51.2k	activation 51.2k
56	conv6_2_mbox_priorbox	PriorBox	3	300x300	2	NaNx4		J1.2K
57	conv6_2_mbox_conf	Convolution	512	10x10	126	10x10	<b>macc</b> 58.06M	activation 12.6k

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| Section | Sect
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								param	580.73
58	conv6_2_mbox_conf_perm	Permute	126	10x10	10	126x10		puluii	300.70
59	conv6_2_mbox_conf_flat	Flatten	10	126x10	12600	1x1		activation	12.6k
50	conv6_2_mbox_loc	Convolution	512	10x10	24	10x10	<b>macc</b> 11.06M	activation	2.46
							IIIICC TT.UUM	param	110.6
51	conv6_2_mbox_loc_perm	Permute	24	10x10	10	24x10			
52	conv6_2_mbox_loc_flat	Flatten	10	24x10	2400	1x1		activation	2.4k
53 <b>D</b>	conv7_1	Convolution type batch	512 <b>ch_i</b> n	10x10 dim_in	128 ch_out	10×10 dim_out	<b>macc</b> 6.55M	activation	12.8k
		•••						param	65.66
54	conv7_1_relu	ReLU	128	10x10	128	10x10	<b>comp</b> 12.8k	activation	12.8k
65	conv7_2	Convolution	128	10x10	256	5x5	<b>macc</b> 7.37M	activation	6.4k
								param	295.1
56	conv7_2_relu	ReLU	256	5x5	256	5x5	comp 6.4k	activation	6.4k
67	conv7_2_mbox_priorbox	PriorBox	3	300x300		NaNx4			
58	conv7_2_mbox_conf	Convolution	256	5x5	126	5x5	<b>macc</b> 7.26M	activation	
59	7.0		126	5.5	5	406.5		param	290.4
70	conv7_2_mbox_conf_perm conv7_2_mbox_conf_flat	Permute Flatten	5	5x5 126x5	3150	126x5 1x1		activation	3 15k
71	conv7_2_mbox_loc	Convolution	256	5x5	24	5x5			
	00117_2_11007_00	CONTOLUCION	200	U.U		OXO	<b>macc</b> 1.38M	activation param	55.32
72	conv7_2_mbox_loc_perm	Permute	24	5x5	5	24x5			
73	conv7_2_mbox_loc_flat	Flatten	5	24x5	600	1x1		activation	600
74	conv8_1	Convolution	256	5x5	128	5x5	macc 819 2k	activation	3.2k
								param	32.9k
75	conv8_1_relu	ReLU	128	5x5	128	5x5	comp 3.2k	activation	3.2k
76	conv8_2	Convolution	128	5x5	256	3x3	macc 2.65M	activation	2 3k
							2.03W	param	295.1
77	conv8_2_relu	ReLU	256	3x3	256	3x3	comp 2.3k	activation	2.3k
78	conv8_2_mbox_priorbox	PriorBox	3	300x300	2	852x4			
79	conv8_2_mbox_conf	Convolution	256	3x3	84	3x3	<b>macc</b> 1.74M	activation	756
								param	193.6
80	conv8_2_mbox_conf_perm	Permute	84	3x3	3	84x3			
81	conv8_2_mbox_conf_flat	Flatten	3	84x3	756	1x1		activation	756
82	conv8_2_mbox_loc	Convolution	256	3x3	16	3x3	<b>macc</b> 331.78k	activation	
								param	36.88
B3 B4	conv8_2_mbox_loc_perm conv8_2_mbox_loc_flat	Permute Flatten	16 3	3x3 16x3	3 144	16x3 1x1		activation	144
85	conv9_1	Convolution	256	3x3	128	3x3			
55	conv9_1	Convolution	256	3X3	128	3X3	<b>macc</b> 294.91k	activation param	1.15k 32.9k
86	conv9_1_relu	ReLU	128	3x3	128	3x3	1 1El-		
							<b>comp</b> 1.15k	activation	
87	conv9_2	Convolution	128	3x3	256	1x1	macc 294.91k	activation param	256 295.1
88	conv9_2_relu	ReLU	256	1x1	256	1x1	*****	activation	
89						1056x4	comp 256	acuvation	256
90	conv9_2_mbox_priorbox mbox_priorbox	PriorBox Concat	3 12	300x300 120x4	12	120x4		activation	5 76k
91	conv9_2_mbox_conf	Convolution	256	1x1	84	1x1	macc 193.54k		
	001177_2_111007_00111	CONTOLUCION	200		04		MBCC 193.54K	activation param	193.6
92	conv9_2_mbox_conf_perm	Permute	84	1x1	1	84x1			
93	conv9_2_mbox_conf_flat	Flatten	1	84x1	84	1x1		activation	84
94	mbox_conf	Concat	183372	1x1	183372	1x1		activation	183.3
95	mbox_conf_reshape	Reshape	183372	1v1	8732	1x21			
	mbox_conf_softmax	Softmax		1x21			add 183.37k	activation	183.3
							<b>div</b> 183.37k		
							<b>exp</b> 183.37k		
97	mbox_conf_flatten	Flatten	8732	1x21	183372	1x1		activation	183.3
98	conv9_2_mbox_loc	Convolution	256	1x1	16	1x1	<b>macc</b> 36.86k	activation	16
								param	36.88
	conv9_2_mbox_loc_perm				1				
100	conv9_2_mbox_loc_flat				16	1x1		activation	16
101	mbox_loc	Concat	34928	1x1	34928	1x1		activation	34.93
	TOTAL						<b>macc</b> 31.37G	activation	55.5N
							comp 37.8M	param	26.28
							add 922.7k		
							<b>div</b> 1.66M		

Details:

ID	name	type	batch	ch_In	dim_in	ch_out	dim_out	opa_raw	mem_raw	
1	data	data	1	3	300x300	3	300x300	macc 0	activation	270000
								comp 0	param	0
								add 0		
								div 0		
								<b>exp</b> 0		
2	conv1_1	Convolution	1	3	300x300	64	300x300	macc 155520000	activation	576000
								comp 0	param	1792
								add 0		
								div 0		
								<b>exp</b> 0		
3	relu1_1	ReLU	1	64	300x300	64	300x300	macc 0	activation	576000
								comp 5760000	param	0
								add 0		
								div 0		
								<b>exp</b> 0		
4	conv1_2	Convolution	1	64	300x300	64	300x300	macc 3317760000	activation	576000
								comp 0	param	36928
								add 0		
								div 0		
								<b>exp</b> 0		
5	relu1_2	ReLU	1	64	300x300	64	300x300	macc 0	activation	F76006
								comp 5760000	param	0
								add 0	paraili	U
								div 0		
								exp 0		
								<del>шр</del> 0		
6	pool1	Pooling	1	64	300x300	64	150x150	macc 0	activation	144000
								<b>comp</b> 5760000	param	0
								add 0		

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							<b>exp</b> 0	
conv2_1	Convolution	1	64	150x150	128	150x150		activation 2880000
							comp 0	<b>param</b> 73856
							div 0	
relu2_1	ReLU	1	128	150x150	128	150x150	macc 0	activation 2880000
							<b>comp</b> 2880000	param 0
							div 0	
conv2 2				150x150			<b>exp</b> 0	
conv2_2	Convolution	1	128	150x150	128	150x150	macc 3317760000 comp 0	<b>activation</b> 2880000 <b>param</b> 147584
							add 0 dlv 0	
							<b>exp</b> 0	
relu2_2	ReLU	1	128	150x150	128	150x150	macc 0	activation 2880000
							comp 2880000 add 0	param 0
							exp 0	
pool2	Pooling	1	128	150x150	128	75x75	macc 0	activation 720000
							add 0	param 0
							div 0 exp 0	
conv3_1	Convolution	1	128	75x75	256	75x75		activation 1440000
							comp 0	<b>param</b> 295168
							div 0	
relu3_1	ReLU	1	256	75x75	256	75x75	<b>exp</b> 0	
reius_r	ReLO		230	/3X/3	230	/3x/3	macc 0 comp 1440000	param 0
							add 0	
							<b>exp</b> 0	
conv3_2	Convolution	1	256	75x75	256	75x75	macc 3317760000 comp 0	<b>activation</b> 1440000 <b>param</b> 590080
							add 0	0,0000
							exp 0	
relu3_2	ReLU	1	256	75x75	256	75x75	macc 0	activation 1440000
							add 0	param 0
							div 0 exp 0	
conv3_3	Convolution	1	256	75x75	256	75x75		activation 1440000
							comp 0 add 0	<b>param</b> 590080
							<b>div</b> 0	
relu3 3	ReLU	1	256	75x75	256	75x75	exp 0	activation 1440000
16103_3	RELO		250	73873	230	73273	macc 0 comp 1440000	param 0
							div 0	
							<b>exp</b> 0	
pool3	Pooling	1	256	75x75	256	38x38	macc 0 comp 1478656	param 0
							add 0	
							exp 0	
conv4_1	Convolution	1	256	38x38	512	38x38	macc 1703411712	
							add 0	perem 1180160
							exp 0	
relu4_1	ReLU	1	512	38x38	512	38x38	macc 0	activation 739328
							comp 739328 add 0	perem 0
							div 0	
conv4_2	Convolution	1	512	38x38	512	38x38	exp 0 macc 3406823424	activation 739328
							comp 0	<b>param</b> 2359808
							add 0 div 0	
name relu4 2	<b>type</b> ReLU	batch 1	<b>ch_in</b> 512	dim_in	ch_out 512	dim_out 38x38	<b>692_n</b> 0	mem_raw
reiu4_2	KeLU	1	512	38X38	512	38X38	macc 0 comp 739328	perem 0
							div 0	
							<b>exp</b> 0	
conv4_3	Convolution	1	512	38x38	512	38x38	macc 3406823424 comp 0	<b>activation</b> 739328 <b>param</b> 2359808
							edd 0	
							exp 0	
relu4_3	ReLU	1	512	38x38	512	38x38	macc 0	activation 739328
							comp 739328 add 0	param 0
							div 0 exp 0	
conv4_3_norm	Normalize	1	512	38x38	512	38x38	macc 739328	activation 739328
							comp 0 add 739328	perem 2
							<b>dlv</b> 1478656	
conv4_3_norm_mbox_priorbox	PriorBox	1	512	38x38	2	120x4	739328 macc 0	activation 0
							comp 0	perem 0
							div 0	
conv4_3_norm_mbox_conf	Convolution	1	512	38~20	84	38x38	<b>exp</b> 0	
CUITY4_3_HOFM_MDOX_CONT	Convolution		31Z	30X38	04	SOXSE	macc 558931968 comp 0	<b>activation</b> 121296 <b>param</b> 387156
							add 0 div 0	

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Part	28	conv4_3_norm_mbox_conf_perm	Permute	1	84	38x38	38	84x38	comp 0 add 0	
Part	29	conv4_3_norm_mbox_conf_flat	Flatten	1	38	84x38	121296	1x1	macc 0 comp 0 add 0	
Part	80	conv4_3_norm_mbox_loc	Convolution	1	512	38x38	16	38x38	macc 106463232 comp 0 add 0	
Control   Cont	31	conv4_3_norm_mbox_loc_perm	Permute	1	16	38x38	38	16x38	macc 0 comp 0 add 0	
Part	32	conv4_3_norm_mbox_loc_flat	Flatten	1	38	16x38	23104	1x1	macc 0 comp 0 add 0	
March   Marc	33	pool4	Pooling	1	512	38x38	512	19x19	exp 0 macc 0 comp 739328 add 0	
Second   Permise   Permi	34	conv5_1	Convolution	1	512	19x19	512	19x19	exp 0 macc 851705856 comp 0	
Convolution	35	relu5_1	ReLU	1	512	19x19	512	19x19	exp 0 macc 0 comp 184832	
Part	36	conv5_2	Convolution	1	512	19x19	512	19x19	exp 0 macc 851705856 comp 0	
Composition	87	relu5_2	ReLU	1	512	19x19	512	19x19	div 0 exp 0	
Parish	88	conv5_3	Convolution	1	512	19x19	512	19x19	div 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Part	89	relu5_3	ReLU	1	512	19x19	512	19x19	div 0 exp 0 macc 0	
Parame   Prior Box   Port   Parameter	10	pool5	Pooling	1	512	19x19	512	19x19	add 0 div 0 exp 0 macc 0	activation 184832
Parame   P	11	fc6	Convolution	1	512	19x19	1024	19x19	add 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	activation 369664
	12	relu6	ReLU	1	1024	19x19	1024	19x19	add 0 div 0 exp 0 macc 0	activation 369664
Parameter   Par	<b>D</b>	name 1c7	<b>type</b> Convolution	betch	<b>ch_in</b> 1024	<b>dim_in</b> 19x19	ch_out 1024	dim_out 19x19	add 0 div 0 exp 0 ops_raw	mem_rew
	14			1	1024	19x19	1024	19x19	comp   0	<b>param</b> 1049600
									369664	peram 0
									comp 0 add 0 div 0 exp 0	peram 0
Comp									comp 0 add 0 div 0	
	17	fc7_mbox_conf_perm	Permute	1	126	19x19	19	126x19	comp 0 add 0 div 0	
	18	fc7_mbox_conf_flat	Flatten	1	19	126x19	45486	1x1	comp 0 add 0 div 0	

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49	fc7_mbox_loc	Convolution	1	1024	19x19	24	19x19	macc 79847424 comp 0 add 0 div 0	<b>activation</b> 8664 <b>param</b> 221208
50	fc7_mbox_loc_perm	Permute	1	24	19x19	19	24x19	macc 0 comp 0 add 0 div 0	activation 0 peram 0
51	fc7_mbox_loc_flat	Flatten	1	19	24x19	8664	1x1	macc 0 comp 0 add 0 div 0	activation 8664 peram 0
52	conv6_1	Convolution	1	1024	19x19	256	19x19	macc 94633984 comp 0 add 0 div 0	<b>activation</b> 92416 <b>param</b> 262400
53	conv6_1_relu	ReLU	1	256	19x19	256	19x19	macc 0 comp 92416 add 0 div 0	ectivation 92416 param 0
54	conv6_2	Convolution	1	256	19x19	512	10x10	macc   117964800   comp   0	<b>activation</b> 51200 <b>param</b> 1180160
55	conv6_2_relu	ReLU	1	512	10x10	512	10x10	macc 0 comp 51200 add 0 div 0	activation 51200 param 0
56	conv6_2_mbox_priorbox	PriorBox	1	3	300x300	2	NaNx4	macc 0 comp 0 add 0 div 0	activation 0 param 0
57	conv6_2_mbox_conf	Convolution	1	512	10x10	126	10x10	macc 58060800 comp 0 add 0 div 0	<b>activation</b> 12600 <b>param</b> 580734
58	conv6_2_mbox_conf_perm	Permute	1	126	10x10	10	126x10	macc 0 comp 0 add 0 div 0	activation 0 param 0
59	conv6_2_mbox_conf_flat	Flatten	1	10	126x10	12600	1x1	macc 0 comp 0 add 0 div 0	activation 12600 param 0
60	conv6_2_mbox_loc	Convolution	1	512	10x10	24	10x10	macc 11059200 comp 0 add 0 div 0 exp 0	activation 2400 param 110616
61	conv6_2_mbox_loc_perm	Permute	1	24	10x10	10	24x10	macc 0 comp 0 add 0 div 0 exp 0	activation 0 param 0
62	conv6_2_mbox_loc_flat	Flatten	1	10	24x10	2400	1x1	macc 0 comp 0 add 0 div 0 exp 0	activation 2400 param 0
63	conv7_1	Convolution	1	512	10x10	128	10x10	macc   6553600	<b>activation</b> 12800 <b>param</b> 65664
ĺď	<b>Ganva</b> _1_relu	<del>Құр</del> е <sup>∤</sup>	betch	čĥůn	dimilih	ch2out	dim_but	Comp   12800	param 0
65	conv7_2	Convolution	1	128	10x10	256	5x5	macc 7372800 comp 0 add 0 div 0 exp 0	activation 6400 param 295168
66	conv7_2_relu	ReLU	1	256	5x5	256	5x5	macc 0 comp 6400 add 0 div 0 exp 0	peram 0
67	conv7_2_mbox_priorbox	PriorBox	1	3	300x300	2	NaNx4	macc 0 comp 0 add 0 div 0 exp 0	peram 0
68	conv7_2_mbox_conf	Convolution	1	256	5x5	126	5x5	mace         7257600           comp         0           add         0           div         0           exp         0	activation 3150 param 290430
69	conv7_2_mbox_conf_perm	Permute	1	126	5x5	5	126x5	macc 0 comp 0 add 0 div 0 exp 0	peram 0
70		e	-	-	*****	0450		_	

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/U	conv/_2_mbox_conf_flat	Hatten	1	5	126x5	3150	1x1	macc 0 comp 0 add 0 div 0 exp 0	activation 3150 param 0
71	conv7_2_mbox_loc	Convolution	1	256	5x5	24	5x5	macc 1382400 comp 0 add 0 div 0 exp 0	<b>activation</b> 600 <b>param</b> 55320
72	conv7_2_mbox_loc_perm	Permute	1	24	5x5	5	24x5	macc 0 comp 0 add 0 div 0	activation 0 param 0
73	conv7_2_mbox_loc_flat	Flatten	1	5	24x5	600	1x1	macc 0 comp 0 add 0 div 0	activation 600 param 0
74	conv8_1	Convolution	1	256	5x5	128	5x5	macc 819200 comp 0 edd 0 div 0	activation 3200 param 32896
75	conv8_1_relu	ReLU	1	128	5x5	128	5x5	macc 0 comp 3200 add 0 div 0 exp 0	activation 3200 param 0
76	conv8_2	Convolution	1	128	5x5	256	3x3	macc 2654208 comp 0 add 0 div 0 exp 0	activation 2304 peram 295168
77	conv8_2_relu	ReLU	1	256	3x3	256	3x3	macc 0 comp 2304 add 0 div 0 exp 0	activation 2304 param 0
78	conv8_2_mbox_priorbox	PriorBox	1	3	300x300	2	852x4	macc 0 comp 0 add 0 div 0 exp 0	activation 0 param 0
79	conv8_2_mbox_conf	Convolution	1	256	3x3	84	3x3	macc 1741824 comp 0 add 0 div 0 exp 0	<b>activation</b> 756 <b>param</b> 193620
80	conv8_2_mbox_conf_perm	Permute	1	84	3x3	3	84x3	macc 0 comp 0 add 0 div 0 exp 0	param 0
81	conv8_2_mbox_conf_flat	Flatten	1	3	84x3	756	1x1	macc 0 comp 0 add 0 div 0 exp 0	activation 756 peram 0
82	conv8_2_mbox_loc	Convolution	1	256	3x3	16	3x3	macc 331776 comp 0 add 0 div 0 exp 0	144
83	conv8_2_mbox_loc_perm	Permute	1	16	3x3	3	16x3	macc 0 comp 0 add 0 div 0 exp 0	activation 0 param 0
84	conv8_2_mbox_loc_flat	Flatten	1	3	16x3	144	1x1	macc 0 comp 0 add 0 div 0 exp 0	activation 144 peram 0
85 <b>ID</b>	conv9_1 name	Convolution <b>type</b>	1 betch	256 <b>ch_in</b>	3x3 <b>dim_in</b>	128 <b>ch_out</b>	3x3 dim_out	macc 294912 99h # 0 add 0 div 0 exp 0	<b>activation</b> 1152 <b>Datamen</b> 32896
86	conv9_1_relu	ReLU	1	128	3x3	128	3x3	macc 0 comp 1152 add 0 div 0 exp 0	activation 1152 param 0
87	conv9_2	Convolution	1	128	3x3	256	1x1	macc 294912 comp 0 add 0 div 0 exp 0	activation 256 param 295168
88	conv9_2_relu	ReLU	1	256	1x1	256	1x1	macc 0 comp 256 add 0 div 0 exp 0	activation 256 param 0
89	conv9_2_mbox_priorbox	PriorBox	1	3	300x300	2	1056x4	macc 0 comp 0 add 0 div 0 exp 0	activation 0 param 0
90	mbox_priorbox	Concat	1	12	120x4	12	120x4	macc 0 comp 0 add 0 div 0 exp 0	activation 5760 param 0
91	conv9_2_mbox_conf	Convolution	1	256	1x1	84	1x1	maco 193536	activation 84

## VGG VOC0712 SSD 300x300 dep

								comp 0	param 193620
								add 0	
								div 0	
								exp 0	
92	conv9_2_mbox_conf_perm	Permute	1	84	1x1	1	84x1	macc 0	activation 0
								comp 0	param 0
								add 0	param
								div 0	
								exp 0	
93		Flatten	1	1	84x1	84	1x1		
93	conv9_2_mbox_conf_flat	Flatten		1	84X I	84	IXI	macc 0	activation 84
								comp 0	param 0
								add 0 div 0	
								<b>exp</b> 0	
94	mbox_conf	Concat	1	183372	1x1	183372	1x1	macc 0	activation 183372
								comp 0	param 0
								add 0	
								dlv 0	
								<b>exp</b> 0	
95	mbox_conf_reshape	Reshape	1	183372	1x1	8732	1x21	macc 0	activation 0
								comp 0	param 0
								add 0	
								dlv 0	
								exp 0	
96	mbox_conf_softmax	Softmax	1	8732	1x21	8732	1x21	macc 0	activation 183372
								comp 0	param 0
								add 183372	
								<b>div</b> 183372	
								<b>exp</b> 183372	
97	mbox_conf_flatten	Flatten	1	8732	1x21	183372	1x1	macc 0	activation 183372
								comp 0	param 0
								add 0	param
								div 0	
								<b>exp</b> 0	
98	conv9_2_mbox_loc	Convolution	1	256	1x1	16	1x1		
90	CONV9_2_INDOX_IOC	Convolution		230	IXI	10	IXI	macc 36864	activation 16
								add 0	<b>param</b> 36880
								div 0	
								exp 0	
99	conv9_2_mbox_loc_perm	Permute	1	16	1x1	1	16x1	macc 0	activation 0
								comp 0	perem 0
								add 0	
								div 0 exp 0	
								exp 0	
100	conv9_2_mbox_loc_flat	Flatten	1	1	16x1	16	1x1	macc 0	activation 16
								comp 0	param 0
								add 0	
								div 0	
								<b>exp</b> 0	
101	mbox_loc	Concat	1	34928	1x1	34928	1x1	macc 0	activation 34928
								comp 0	perem 0
								add 0	
								div 0	
								exp 0	

http://dgschwend.github.io/netscope/#/editor 8/8