

input_depth: InputLayer	input:	(None, 1, 123, 54)
	output:	(None, 1, 123, 54)



input_depth_1_conv: Conv2D	input:	(None, 1, 123, 54)
	output:	(None, 24, 121, 52)



input_depth_1_bn: BatchNormalization	input:	(None, 24, 121, 52)
	output:	(None, 24, 121, 52)



input_depth_1_act: Activation	input:	(None, 24, 121, 52)
	output:	(None, 24, 121, 52)



input_depth_2_conv: Conv2D	input:	(None, 24, 121, 52)
	output:	(None, 24, 119, 50)



input_depth_2_bn: BatchNormalization	input:	(None, 24, 119, 50)
	output:	(None, 24, 119, 50)



input_depth_2_act: Activation	input:	(None, 24, 119, 50)
	output:	(None, 24, 119, 50)



input_depth_3_conv: Conv2D	input:	(None, 24, 119, 50)
	output:	(None, 24, 117, 48)



input_depth_3_bn: BatchNormalization	input:	(None, 24, 117, 48)
	output:	(None, 24, 117, 48)



input_depth_3_act: Activation	input:	(None, 24, 117, 48)
	output:	(None, 24, 117, 48)



main_1_pool: MaxPooling2D	input:	(None, 24, 117, 48)
	output:	(None, 24, 39, 24)



main_2_conv: Conv2D	input:	(None, 24, 39, 24)
	output:	(None, 48, 37, 22)



main_2_bn: BatchNormalization	input:	(None, 48, 37, 22)
	output:	(None, 48, 37, 22)



main_2_act: Activation	input:	(None, 48, 37, 22)
	output:	(None, 48, 37, 22)



main_3_conv: Conv2D	input:	(None, 48, 37, 22)
	output:	(None, 48, 35, 20)



main_3_bn: BatchNormalization	input:	(None, 48, 35, 20)
	output:	(None, 48, 35, 20)



main_3_act: Activation	input:	(None, 48, 35, 20)
	output:	(None, 48, 35, 20)



main_4_conv: Conv2D	input:	(None, 48, 35, 20)
	output:	(None, 48, 33, 18)



main_4_bn: BatchNormalization	input:	(None, 48, 33, 18)
	output:	(None, 48, 33, 18)



main_4_act: Activation	input:	(None, 48, 33, 18)
	output:	(None, 48, 33, 18)



main_5_pool: MaxPooling2D	input:	(None, 48, 33, 18)
	output:	(None, 48, 11, 6)



main_6_conv: Conv2D	input:	(None, 48, 11, 6)
	output:	(None, 64, 9, 4)



main_6_bn: BatchNormalization	input:	(None, 64, 9, 4)
	output:	(None, 64, 9, 4)



main_6_act: Activation	input:	(None, 64, 9, 4)
	output:	(None, 64, 9, 4)



main_7_conv: Conv2D	input:	(None, 64, 9, 4)
	output:	(None, 64, 7, 2)



main_7_bn: BatchNormalization	input:	(None, 64, 7, 2)
	output:	(None, 64, 7, 2)



main_7_act: Activation	input:	(None, 64, 7, 2)
	output:	(None, 64, 7, 2)



output_1_flatten: Flatten	input:	(None, 64, 7, 2)
	output:	(None, 896)



output_2_dropout: Dropout	input:	(None, 896)
	output:	(None, 896)



output_2_dense: Dense	input:	(None, 896)
	output:	(None, 512)



output_2_act: Activation	input:	(None, 512)
	output:	(None, 512)



output_3_dropout: Dropout	input:	(None, 512)
	output:	(None, 512)



output_3_dense_and_act: Dense	input:	(None, 512)
	output:	(None, 2)