

input_1	input:	[(None, 300, 24, 114, 1)]
InputLayer	output:	[(None, 300, 24, 114, 1)]



time_distributed(conv2d)	input:	(None, 300, 24, 114, 1)
TimeDistributed(Conv2D)	output:	(None, 300, 22, 112, 32)



time_distributed_1(batch_normalization)	input:	(None, 300, 22, 112, 32)
TimeDistributed(BatchNormalization)	output:	(None, 300, 22, 112, 32)



time_distributed_2(max_pooling2d)	input:	(None, 300, 22, 112, 32)
TimeDistributed(MaxPooling2D)	output:	(None, 300, 11, 56, 32)



time_distributed_3(conv2d_1)	input:	(None, 300, 11, 56, 32)
TimeDistributed(Conv2D)	output:	(None, 300, 9, 54, 64)



time_distributed_4(batch_normalization_1)	input:	(None, 300, 9, 54, 64)
TimeDistributed(BatchNormalization)	output:	(None, 300, 9, 54, 64)



time_distributed_5(max_pooling2d_1)	input:	(None, 300, 9, 54, 64)
TimeDistributed(MaxPooling2D)	output:	(None, 300, 4, 27, 64)



time_distributed_6(conv2d_2)	input:	(None, 300, 4, 27, 64)
TimeDistributed(Conv2D)	output:	(None, 300, 2, 25, 128)



time_distributed_7(batch_normalization_2)	input:	(None, 300, 2, 25, 128)
TimeDistributed(BatchNormalization)	output:	(None, 300, 2, 25, 128)



time_distributed_8(max_pooling2d_2)	input:	(None, 300, 2, 25, 128)
TimeDistributed(MaxPooling2D)	output:	(None, 300, 1, 12, 128)



time_distributed_9(flatten)	input:	(None, 300, 1, 12, 128)
TimeDistributed(Flatten)	output:	(None, 300, 1536)



lstm	input:	(None, 300, 1536)
LSTM	output:	(None, 300, 256)



dropout	input:	(None, 300, 256)
Dropout	output:	(None, 300, 256)



lstm_1	input:	(None, 300, 256)
LSTM	output:	(None, 256)



dropout_1	input:	(None, 256)
Dropout	output:	(None, 256)



concatenate	input:	[(None, 256), (None, 256)]
Concatenate	output:	(None, 512)



dense	input:	(None, 512)
Dense	output:	(None, 128)



dropout_4	input:	(None, 128)
Dropout	output:	(None, 128)



dense_1	input:	(None, 128)
Dense	output:	(None, 6)

input_2	input:	[(None, 300, 24, 114, 1)]
InputLayer	output:	[(None, 300, 24, 114, 1)]



time_distributed_10(conv2d_3)	input:	(None, 300, 24, 114, 1)
TimeDistributed(Conv2D)	output:	(None, 300, 22, 112, 32)



time_distributed_11(batch_normalization_3)	input:	(None, 300, 22, 112, 32)
TimeDistributed(BatchNormalization)	output:	(None, 300, 22, 112, 32)



time_distributed_12(max_pooling2d_3)	input:	(None, 300, 22, 112, 32)
TimeDistributed(MaxPooling2D)	output:	(None, 300, 11, 56, 32)



time_distributed_13(conv2d_4)	input:	(None, 300, 11, 56, 32)
TimeDistributed(Conv2D)	output:	(None, 300, 9, 54, 64)



time_distributed_14(batch_normalization_4)	input:	(None, 300, 9, 54, 64)
TimeDistributed(BatchNormalization)	output:	(None, 300, 9, 54, 64)



time_distributed_15(max_pooling2d_4)	input:	(None, 300, 9, 54, 64)
TimeDistributed(MaxPooling2D)	output:	(None, 300, 4, 27, 64)



time_distributed_16(conv2d_5)	input:	(None, 300, 4, 27, 64)
TimeDistributed(Conv2D)	output:	(None, 300, 2, 25, 128)



time_distributed_17(batch_normalization_5)	input:	(None, 300, 2, 25, 128)
TimeDistributed(BatchNormalization)	output:	(None, 300, 2, 25, 128)



time_distributed_18(max_pooling2d_5)	input:	(None, 300, 2, 25, 128)
TimeDistributed(MaxPooling2D)	output:	(None, 300, 1, 12, 128)



time_distributed_19(flatten_1)	input:	(None, 300, 1, 12, 128)
TimeDistributed(Flatten)	output:	(None, 300, 1536)



lstm_2	input:	(None, 300, 1536)
LSTM	output:	(None, 300, 256)



dropout_2	input:	(None, 300, 256)
Dropout	output:	(None, 300, 256)



lstm_3	input:	(None, 300, 256)
LSTM	output:	(None, 256)



dropout_3	input:	(None, 256)
Dropout	output:	(None, 256)



concatenate	input:	[(None, 256), (None, 256)]
Concatenate	output:	(None, 512)



dense	input:	(None, 512)
Dense	output:	(None, 128)



dropout_4	input:	(None, 128)
Dropout	output:	(None, 128)



dense_1	input:	(None, 128)
Dense	output:	(None, 6)