

the_input: InputLayer	input:	(?, ?, 39, 1)
	output:	(?, ?, 39, 1)



conv2d_1: Conv2D	input:	(?, ?, 39, 1)
	output:	(?, ?, 39, 32)



batch_normalization_1: BatchNormalization	input:	(?, ?, 39, 32)
	output:	(?, ?, 39, 32)



conv2d_2: Conv2D	input:	(?, ?, 39, 32)
	output:	(?, ?, 39, 32)



batch_normalization_2: BatchNormalization	input:	(?, ?, 39, 32)
	output:	(?, ?, 39, 32)



max_pooling2d_1: MaxPooling2D	input:	(?, ?, 39, 32)
	output:	(?, ?, 19, 32)



conv2d_3: Conv2D	input:	(?, ?, 19, 32)
	output:	(?, ?, 19, 64)



batch_normalization_3: BatchNormalization	input:	(?, ?, 19, 64)
	output:	(?, ?, 19, 64)



conv2d_4: Conv2D	input:	(?, ?, 19, 64)
	output:	(?, ?, 19, 64)



batch_normalization_4: BatchNormalization	input:	(?, ?, 19, 64)
	output:	(?, ?, 19, 64)



max_pooling2d_2: MaxPooling2D	input:	(?, ?, 19, 64)
	output:	(?, ?, 9, 64)



conv2d_5: Conv2D	input:	(?, ?, 9, 64)
	output:	(?, ?, 9, 128)



batch_normalization_5: BatchNormalization	input:	(?, ?, 9, 128)
	output:	(?, ?, 9, 128)



conv2d_6: Conv2D	input:	(?, ?, 9, 128)
	output:	(?, ?, 9, 128)



batch_normalization_6: BatchNormalization	input:	(?, ?, 9, 128)
	output:	(?, ?, 9, 128)



max_pooling2d_3: MaxPooling2D	input:	(?, ?, 9, 128)
	output:	(?, ?, 4, 128)



reshape_1: Reshape	input:	(?, ?, 4, 128)
	output:	(?, ?, 512)



dropout_1: Dropout	input:	(?, ?, 512)
	output:	(?, ?, 512)



dense_1: Dense	input:	(?, ?, 512)
	output:	(?, ?, 256)



dropout_2: Dropout	input:	(?, ?, 256)
	output:	(?, ?, 256)



dense_2: Dense	input:	(?, ?, 256)
	output:	(?, ?, 29)