These graphs describe the first of five architectures designed for Assignment 4. This model is the same one which was used to create the patches for part 6. An expanded view follows.

Functions

gradients
Model
Weights

RMSProp

Const ○→ Mean

gradients →[RMSProp]

dimension ○
Model

ArgMax

6 tensors

softmax_cross_e...

?×10   2 tensors   3 tensors   17 tensor

Conv_Layer_0

2×8×8×64

dropout →[Functions]

MaxPool   2 tensors

MaxPool →[Functions]

2×32×32×64

Relu

Relu →[Functions]

2×32×32×64

Conv2D

2 tensors

2×32×32×3   3×3×3×64