

```

1  +ConvolutionNeuralNetwork{
2      featureMatrix: Input
3
4      [featureMatrix] → conv2d:Convolution → BatchNorm → ReLU → maxPool2d
5      MaxPooling → out: Out
6  }
7  +ConvolutionNeuralNetwork1{
8      convOutputAsInput: Input
9
10     [convOutputAsInput] → conv2d:Conv → BatchNorm → ReLU → maxPool2d
11     MaxPooling → out: Out
12 }
13 conv1:CNN → conv2:CNN1 → conv3:CNN1 → convolutionOutput:Out

```

