

features

$10 \times 3 \times 224 \times 224$

Conv

**W**  $32 \times 3 \times 3 \times 3$

**B** 32

Relu

MaxPool

Shape

Gather

indices = 0

Unsqueeze

Concat

...

Reshape

Gemm

**B**  $128 \times 401408$

**C** 128

BatchNormalization

**scale** 128

**B** 128

**mean** 128

**var** 128

Relu

Gemm

**B**  $2 \times 128$

**C** 2

$10 \times 2$

output