

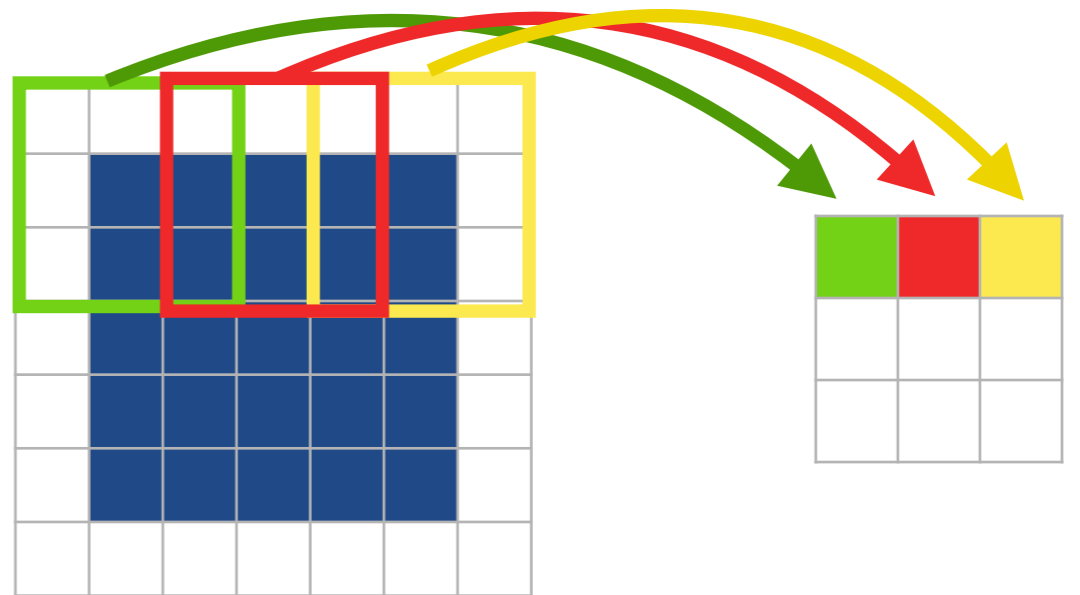
Max pooling

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Max pooling

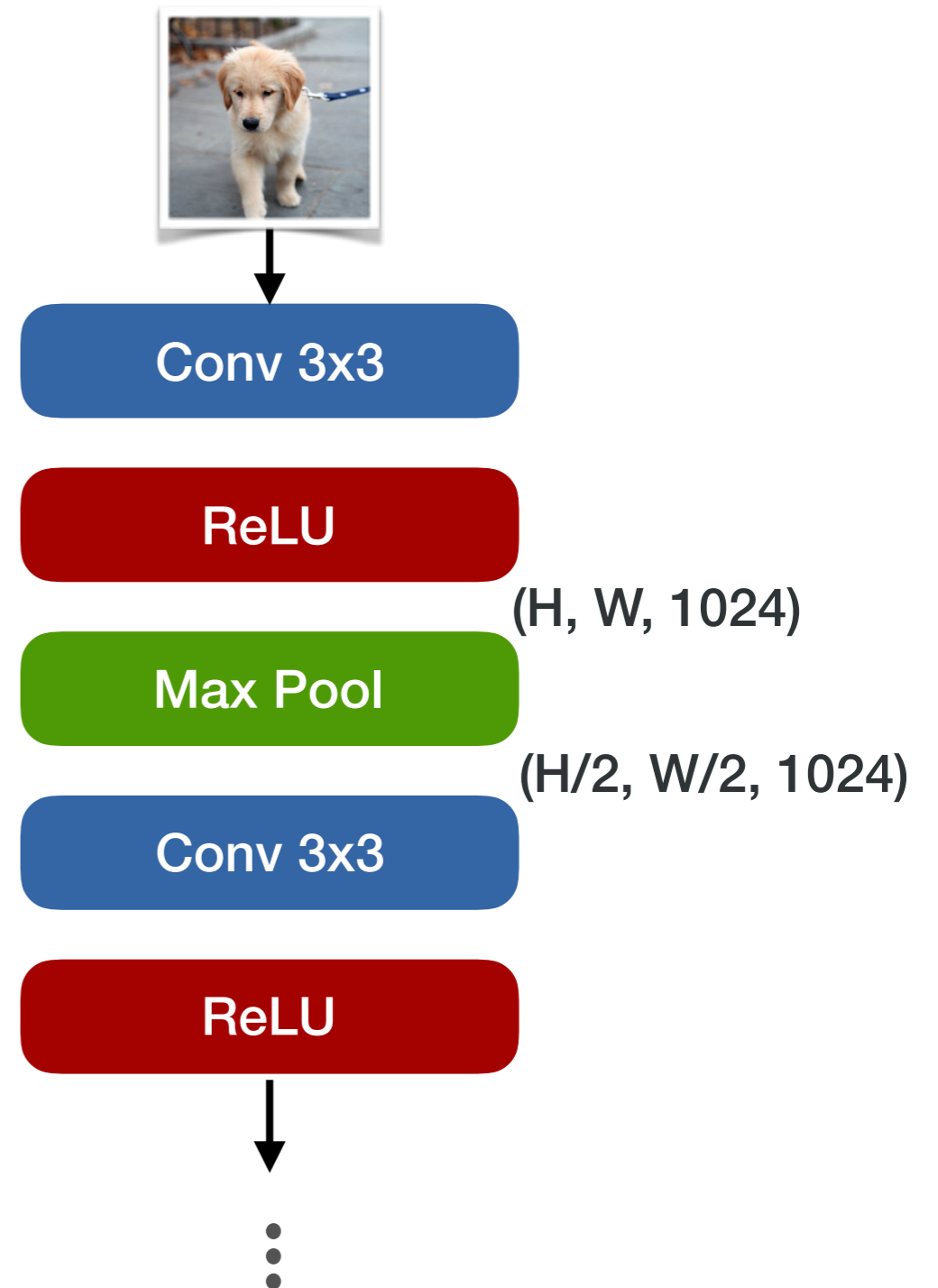
- Convolutional operator

- $f_c(\mathbf{x}) = \max_{i,j}(\mathbf{x}_{i,j,c})$



Where to use max pooling?

- Inside a network
- With strides, as down-sampling



Max pooling as a non-linearity

- Similar to maxout

