Flow Chart of how Faster RCNN works

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Image
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```
Pretrained CNN
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→ like inception_resnet_v2, VGG etc. Feature maps obtained from pretrained CNN are passed to Region Proposal Network.

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```
Region Proposal Network
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→ Finding areas in the image where object is found.O/P will be bounding boxes which are labelled as foreground class.(Object present)

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```
Region Proposal Layer
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→ O/P will be feature maps of those bounding boxes which are labelled as foreground class.

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ROI Pooling
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→ Initially, we receive feature maps of different size. ROI Pooling reduces the size of feature maps to same size.

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Classifier(Object or Background)
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Regressor(Refined Bounding box)
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