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| ConvNet Configuration | | | |
| VGG-11 | VGG-13 | VGG-16 | VGG-19 |
| input (1 x 3 x 32 x 32) | | | |
| conv3-64 | conv3-64  conv3-64 | conv3-64  conv3-64 | conv3-64  conv3-64 |
| maxpool / 2 ( output : 1 x 64 x 16 x 16 ) | | | |
| conv3-128 | conv3-128  conv3-128 | conv3-128  conv3-128 | conv3-128  conv3-128 |
| maxpool / 2(output : 1 x 128 x 8 x 8 ) | | | |
| conv3-256  conv3-256 | conv3-256  conv3-256 | conv3-256  conv3-256  conv3-256 | conv3-256  conv3-256  conv3-256  conv3-256 |
| maxpool / 2(output : 1 x 256 x 4 x 4 ) | | | |
| conv3-512  conv3-512 | conv3-512  conv3-512 | conv3-512  conv3-512  conv3-512 | conv3-512  conv3-512  conv3-512  conv3-512 |
| maxpool / 2(output : 1 x 512 x 2 x 2 ) | | | |
| conv3-512  conv3-512 | conv3-512  conv3-512 | conv3-512  conv3-512  conv3-512 | conv3-512  conv3-512  conv3-512  conv3-512 |
| maxpool / 2(output : 1 x 512 x 1 x 1 ) | | | |
| FC-4096 | | | |
| FC-4096 | | | |
| FC-10 | | | |
| soft-max | | | |

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| ConvNet Configuration | | | |
| ResNet-20 | ResNet-32 | ResNet-44 | ResNet-56 |
| input : 1 x 3 x 32 x 32 | | | |
| conv3-16 | conv3-16 | conv3-16 | conv3-16 |
| (BaiscBlock-16) x 3 | (BaiscBlock-16) x 5 | (BaiscBlock-16) x 7 | (BaiscBlock-16) x 9 |
| output: 1 x 16 x 32 x 32 | | | |
| BaiscBlock2-32  (BaiscBlock-32) x 2 | BaiscBlock2-32  (BaiscBlock-32) x 4 | BaiscBlock2-32  (BaiscBlock-32) x 6 | BaiscBlock2-32  (BaiscBlock-32) x 8 |
| output: 1 x 32 x 16 x 16 | | | |
| BaiscBlock2-64  (BaiscBlock-64) x 2 | BaiscBlock2-64  (BaiscBlock-64) x 4 | BaiscBlock2-64  (BaiscBlock-64) x 6 | BaiscBlock2-64  (BaiscBlock-64) x 8 |
| output: 1 x 64 x 8 x 8 | | | |
| AvgPool (output : 1 x 64 x 1 x 1 ) | | | |
| FC-10 | | | |
| softmax | | | |

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| ConvNet Configuration | | | | | |
| CharCNN-3 | CharCNN-4 | | CharCNN-5 | | CharCNN-6 |
| input : 1 x 1 x 1014 (max-length) | | | | | |
| Embedding | Embedding | | Embedding | | Embedding |
| output : 1 x 70 x 1014 | | | | | |
| conv7-256 | conv7-256 | | conv7-256 | | conv7256 |
| maxpool / 3 | | | | | |
| conv7-256 | conv7-256 | | conv7-256 | | conv7-256 |
| maxpool / 3 | | | | | |
| output: 1 x 256 x 110 | | | | | |
|  | conv3-256 | | conv3-256  conv3-256 | | conv3-256  conv3-256  conv3-256 |
| conv3-256 | conv3256 | | conv3-256 | | conv3-256 |
| maxpool / 3 | | | | | |
| output:1x256x36 | | output:1x256x35 | | output:1x256x34 | output:1x256x34 |
| FC-1024 | | | | | |
| FC-1024 | | | | | |
| FC-4 | | | | | |

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| ConvNet Configuration | | | |
| VDCNN-9 | VDCNN-17 | VDCNN-29 | VDCNN-49 |
| input : 1 x 1 x 1024 (max-length) | | | |
| Embedding | Embedding | Embedding | Embedding |
| output : 1 x 16 x 1024 | | | |
| conv3-64 | conv3- 64 | conv3- 64 | conv3- 64 |
| ConvBlock-64 | (ConvBlock-64) x 2 | (ConvBlock-64) x 5 | (ConvBlock-64) x 8 |
| maxpool / 2 | | | |
| output : 1 x 16 x 512 | | | |
| ConvBlock-128 | (ConvBlock-128) x 2 | (ConvBlock-128) x 5 | (ConvBlock-128) x 8 |
| maxpool / 2 | | | |
| output: 1 x 128 x 256 | | | |
| ConvBlock-256 | (ConvBlock-128) x 2 | (ConvBlock - 256) x 2 | (ConvBlock - 256) x 5 |
| maxpool / 2 | | | |
| output: 1 x 256 x 128 | | | |
| ConvBlock-512 | (ConvBlock-128) x 2 | (ConvBlock - 512) x 2 | (ConvBlock - 512) x 3 |
| maxpool / 2 | | | |
| output: 1 x 512 x 64 | | | |
| 8-maxpool (output : 1 x 512 x 8 ) | | | |
| FC-4096 | | | |
| FC-2048 | | | |
| FC-4 | | | |