

TorchAct, collection of activation function for PyTorch.

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Abstract

TorchAct is a PyTorch-based library consisting of a collection of activation functions. The purpose of this library is to provide effortless utilization of the activation function suggested in multiple research papers.

1 Prerequisite

Python : 3.7+

PyTorch : 1.0+

2 How to install

pip install torchact

3 Quick start

```
1 import torch
2 import torch.nn as nn
3 from torchact import ReLU # Can other activation function class
4
5 model = nn.Sequential(
6     nn.Linear(5, 3),
7     ReLU(),
8     nn.Linear(3, 1)
9 )
10
11 dummy = torch.rand(1, 5)
12 print(model(dummy))
```

4 Homepage

<https://github.com/kaintels/torchact>