

LightningModule

Metric

Extends

Extends

uses

Model

TermAccuracy

```
+ hiddenSize: int
+ inputTreelstm: TreeLSTM
+ outputTreelstm: TreeLSTM
+ l1: Linear
+ l2: Linear
+ l3: Linear
+ train_acc: TermAccuracy
+ val_acc: TermAccuracy

+ __init__(hiddenSize: int, hiddenLayers: int,
probability: float): None
+ forward(input: BatchedTreeTensors,
output: BatchedTreeTensors): BatchedEncodedTerms
+ forwardTreeLSTM(btt: BatchedTreeTensors,
layer: TreeLSTM): torch.Tensor
+ training_step(batch: BatchedSamples,
batch_idx: int): torch.Tensor
+ validation_step(batch: BatchedSamples,
batch_idx: int): None
+ shared_step(batch: BatchedSamples
): T.Tuple[torch.Tensor, BatchedEncodedTerms]
+ configure_optimizers(): optim.Optimizer
```

```
+ correct: torch.Tensor
+ total: torch.Tensor

+ __init__(): None
+ update(preds: BatchedEncodedTerms,
target: BatchedEncodedTerms): None
+ compute(): torch.Tensor
```