

PyTorch Lightning Integration

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PyTorch Lightning poses an alternative way to implement a training loop and evaluation loop for knowledge graph embedding models that has some nice features:

- mixed precision training
- multi-gpu training

```
model = LitLCWAModule(  
    dataset="fb15k237",  
    dataset_kwargs=dict(create_inverse_triples=True),  
    model="mure",  
    model_kwargs=dict(embedding_dim=128, loss="bcewithlogits"),  
    batch_size=128,  
)  
trainer = pytorch_lightning.Trainer(  
    accelerator="auto", # automatically choose accelerator  
    logger=False, # defaults to TensorBoard; explicitly disabled here  
    precision=16, # mixed precision training  
)  
trainer.fit(model=model)
```

Classes

<code>LitModule</code> ([dataset, dataset_kwargs, mode, ...])	A base module for training models with PyTorch Li
<code>LCWALitModule</code> ([dataset, dataset_kwargs, ...])	A PyTorch Lightning module for training a model v
<code>SLCWALitModule</code> (*[, negative_sampler, ...])	A PyTorch Lightning module for training a model v