

PyTorch Lightning Integration

PyTorch Lightning integration.

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