

## bootstrap.pytorch

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## Why we rock

Starting a project takes time...

## bootstrap.pytorch

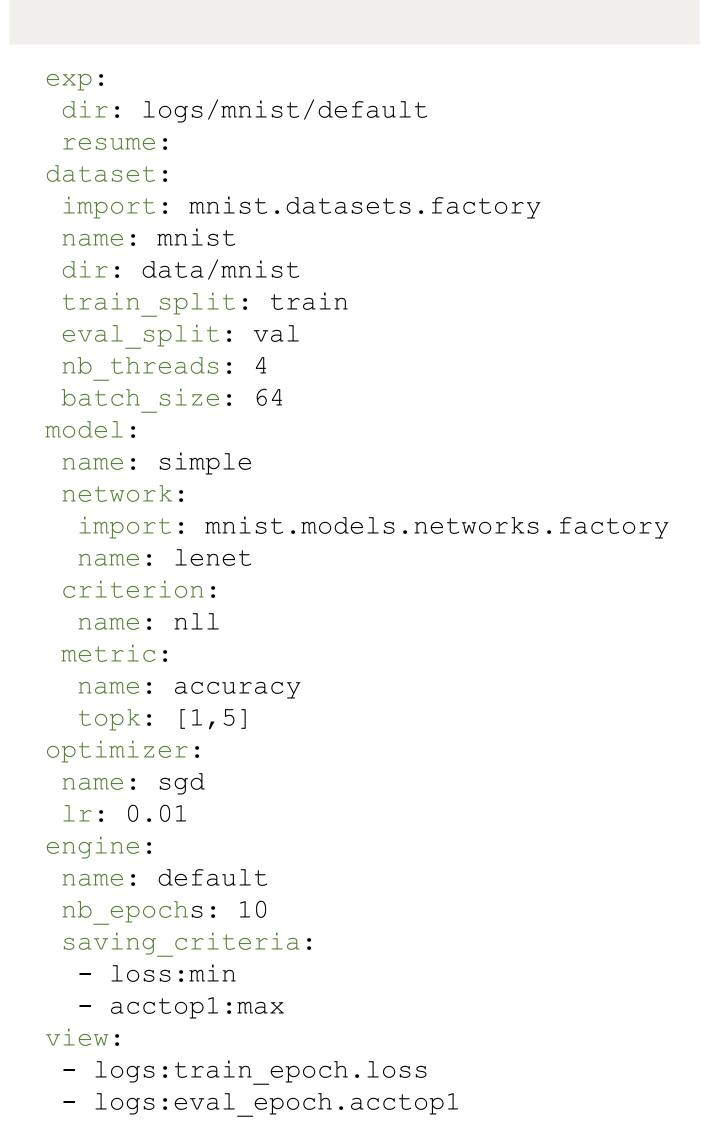
helps you focus on dataset and model only

#### and it is

- Scalable
- ▶ Modular
- ► Shareable
- ► Extendable
- Uncomplicated
- Built for reproducibility
- Easy to log and plot anything

Not a wrapper,

an extension



# Running experiments

### Yaml options are parsed

python -m bootstrap.run -o mnist/options/sgd.yaml

### Overwrite options from CLI

python -m bootstrap.run -o mnist/options/sqd.yaml --exp.dir logs/mnist/sgd --model.metric.topk 1 2 3

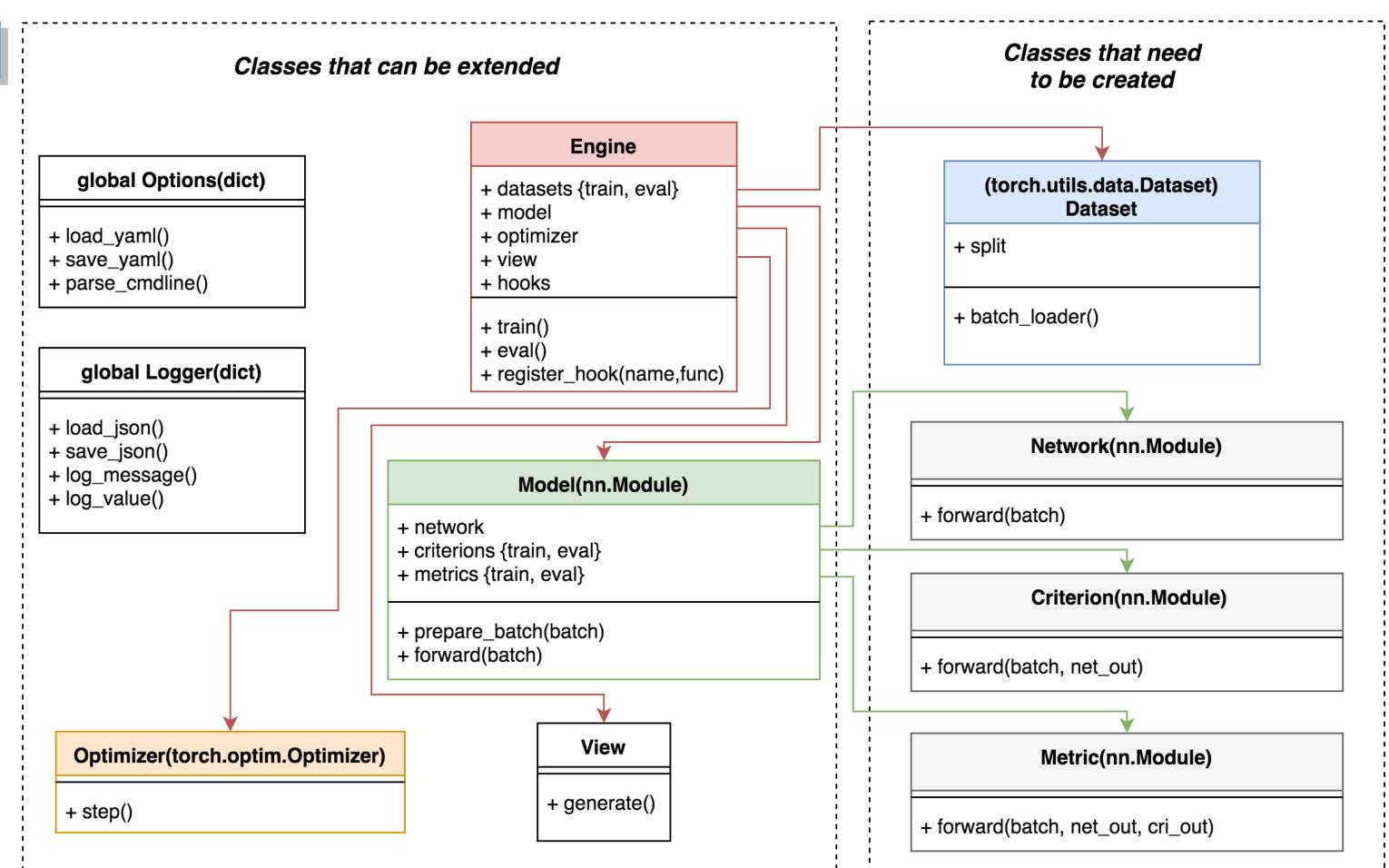
#### Loading a checkpoint is easy

python -m bootstrap.run -o logs/mnist/sgd/options.yaml --exp.resume best acctop1

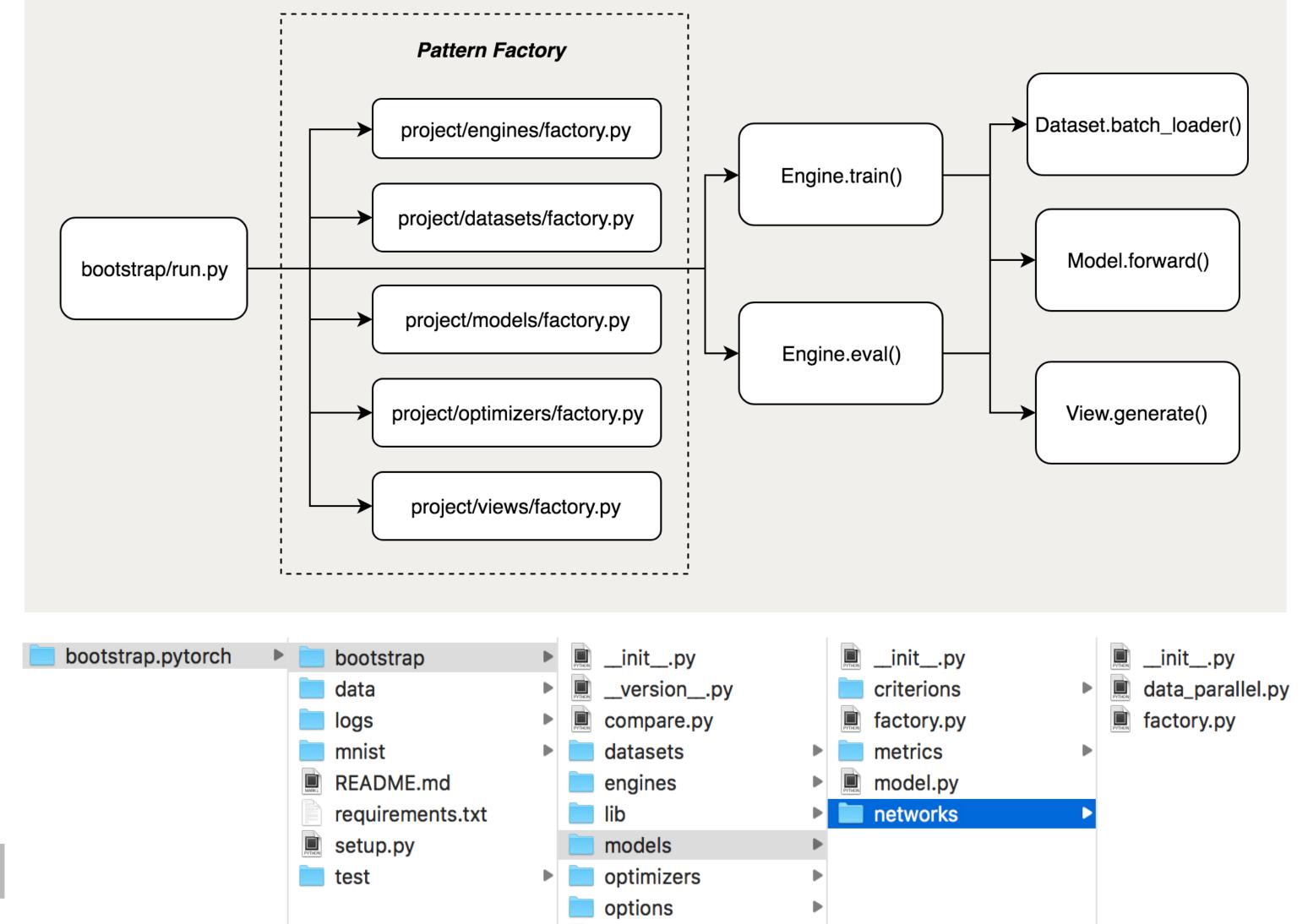
## Customizations are possible

python -m myproject.run

-o logs/mnist/sgd/options.yaml



## Behind the scenes



run.py

views

## Everything in one folder

\$ ls logs/mnist ckpt last engine.pth.tar ckpt last model.pth.tar ckpt last optimizer.pth.tar ckpt best acctop1 engine.pth.tar ckpt best acctop1 model.pth.tar ckpt best acctop1 optimizer.pth.tar logs.json logs.txt options.yaml view.html

## **5.** Come and get us

github.com/Cadene/bootstrap.pytorch

### Also on github...

mnist.bootstrap.pytorch imclassif.bootstrap.pytorch recipe1m.bootstrap.pytorch vqa.bootstrap.pytorch nas.bootstrap.pytorch rel.bootstrap.pytorch

