Introducing PYTORCH

*Adam Paszke, Sam Gross, **Soumith Chintala**, Francisco Massa, Adam Lerer, James Bradbury, Gregory Chanan, Trevor Killeen, Zeming Lin, Natalia Gimelshein, Christian Sarofeen, Alban Desmaison, Andreas Kopf, Edward Yang, Zach Devito, Martin Raison, Alykhan Tejani, Sasank Chilamkurthy*

Updates since MLSystems@NIPS2016

- We exist!
  - Launched Jan 2017

Updates since MLSystems@NIPS2016

- We exist!
  - Launched Jan 2017
- An imperative programming model

Updates since MLSystems@NIPS2016

- We exist!
  - Launched Jan 2017
- An imperative programming model
- Eager evaluation (unlike Dynet which is lazy)

Updates since MLSystems@NIPS2016

- We exist!
  - Launched Jan 2017
- An imperative programming model
- Eager evaluation (unlike Dynet which is lazy)
- Simplicity as a philosophy

PYTORCH

http://pytorch.org

Released Jan 2017

500,000+ downloads

2700+ community repos

17,200+ user posts

351 contributors

With ❤ from

v0.1.8

c54597e

Bug Fixes, initial Distributed support

soumith released this on Feb 4 · **3376 commits** to master since this release

v0.1.9

aaf41c6

Bug fix release

soumith released this on Feb 24

v0.1.10

ac9245a

Variable-length RNNs, Better Indexing, Sparse Tensors, Faster CPU, Many Bug Fixes

v0.1.11

b13b701

CuDNN v6, new layers, lots of bugfixes

soumith released this on Mar 31

v0.1.12

ccd5f4d

Sparse support for CUDA, bug fixes, performance improvements

soumith released this on May 2

v0.2.0

0b92e5c

Higher order gradients, Distributed PyTorch, Broadcasting, Advanced Indexing, New Layers and more

soumith released this on Aug 28

Latest release

v0.3.0

af3964a

Performance improvements, new layers, ship models to other frameworks (via ONNX), CUDA9, CuDNNv7, lots of bug fixes

soumith released this 4 days ago