Introducing PyTorch

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Updates since MLSystems@NIPS2016

• We exist!
  • Launched Jan 2017
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• An imperative programming model
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• Eager evaluation (unlike DyNet which is lazy)
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• An imperative programming model
• Eager evaluation (unlike Dynet which is lazy)
• Simplicity as a philosophy
http://pytorch.org
Released Jan 2017
500,000+ downloads
2700+ community repos
17,200+ user posts
351 contributors
Bug Fixes, initial Distributed support

soumith released this on Feb 4 · 3376 commits to master since this release
Variable-length RNNs, Better Indexing, Sparse Tensors, Faster CPU, Many Bug Fixes
CuDNN v6, new layers, lots of bugfixes

soumith released this on Mar 31
Sparse support for CUDA, bug fixes, performance improvements

soumith released this on May 2
Higher order gradients, Distributed PyTorch, Broadcasting, Advanced Indexing, New Layers and more

soumith released this on Aug 28
Performance improvements, new layers, ship models to other frameworks (via ONNX), CUDA9, CuDNNv7, lots of bug fixes