NED is an experimental learning and evaluation setup designed to more closely emulate real-world conditions while remaining general enough to support the development of techniques that can be applied across a spectrum of learning scenarios.

The framework simultaneously encapsulates the high-level objectives of continual and few-shot learning

During the pretraining phase systems are given access to ImageNet 1k with labels and can employ any pretraining strategy they desire.

Systems are then deployed and must classify an incoming stream of data one at a time

After each sample is received the System may update