

- **Using the PyTorch C++ Frontend**
- **Motivation**
- **Writing a Basic Application**
- **Defining the Neural Network Models**
- **Module API Basics**
- **Defining a Module and Registering Parameters**
- **Registering Submodules and Traversing the Module Hierarchy**
- **Running the Network in Forward Mode**
- **Module Ownership**
- **Defining the DCGAN Modules**
- **Loading Data**
- **Writing the Training Loop**
- **Moving to the GPU**
- **Checkpointing and Recovering the Training State**
- **Inspecting Generated Images**