
Intel Extension for PyTorch C++ SDK test utility

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What do scientists who use Intel machines do ?

- Molecular Dynamics
- Climate Simulation
- Astrophysics

What is the scientists development ecosystem ?

- Mostly code in C++/SYCL/FORTRAN
- Run on accelerator enabled nodes
- Assimilate AI into Physics

What is the scientists development ecosystem ?

A huge need for better
tools to combine AI
frameworks and
accelerator readiness

- Mostly code in C++/SYCL/FORTRAN
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My Solution?

Let's quickly test the AI
framework's readiness with
CMake on accelerators and
compilers

Simply specify compiler and path to framework library and CMake does the rest

```
$ mkdir build && cd build
```

```
$ cmake
```

```
-DCMAKE_CXX_COMPILER=icpx
```

```
-DCMAKE_CXX_FLAGS="-fsycl"
```

```
-DLIBTORCH_PREFIX=DLIBTORCH_PREFIX="....../intel-pytorch/libtorch/"
```

```
..
```

Submit a PR now to
<https://github.com/TaufeqRazakh/Hack-Intel-SA-23>

PYTORCH C++ SDK
❤️ SYCL

Intel Student Ambassador
Hackathon '23 by Taufeq

