
HPXCMake Documentation

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HPXCMake is a collection of **CMake** scripts to be used for modular **HPX** development. The goal is to provide a basic set of **CMake** scripts that allow a convenient way of supporting modular development of **HPX** based libraries and applications. Its main goal is to provide a basis for developing **HPX** itself.

The key features are:

- Specification of dependant modules

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add_module() HPX_MODULE_DIR variable:CMAKE_BINARY_DIR CMAKE_BINARY_DIR
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2.2.1 Commands

`hpx_add_module`

Add a module

```
hpx_add_module(<module> <commit>)
```

Adds the module as a dependency. If the module could not be found in `HPX_MODULE_DIR` it will be fetched from `HPX_MODULE_<module>_REPOSITORY` and `<commit>` is checked out. The location of the checkout will be `HPX_MODULE_DIR`.

2.2.2 Variables

`HPX_MODULE_DIR`

The root directory where modules should be searched for if they can't be found with `find_package(MODULE)`

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