

10. Functional Programming Modules

The modules described in this chapter provide functions and classes that support a functional programming style, and general operations on callables.

The following modules are documented in this chapter:

- [10.1. `itertools` — Functions creating iterators for efficient looping](#)
 - [10.1.1. `itertools` functions](#)
 - [10.1.2. `itertools` Recipes](#)
- [10.2. `functools` — Higher-order functions and operations on callable objects](#)
 - [10.2.1. `partial` Objects](#)
- [10.3. `operator` — Standard operators as functions](#)
 - [10.3.1. Mapping Operators to Functions](#)
 - [10.3.2. Inplace Operators](#)