

# Profiling in Python

- A profile is „a set of statistics that describes how often and for how long various parts of the program executed.“
- Standard library:
  - cProfile
  - profile
- Third-party library:
  - line-profiler
  - memory-profiler

# Measuring execution time of small code snippets

- The module **timeit**:
  - simple way to time small bits of Python code
  - Command-Line Interface
  - Callable Interface