Cheatography

Python Itertools Cheat Sheet

by Aasim (aasimkhan) via cheatography.com/180995/cs/37827/

Definition

The **itertools** module is a collection of tools intended to be fast and use memory efficiently when handling iterators (like lists or dictionaries).

Example:

```
import itertools
```

From the Python 3 documentation

The module standardizes a core set of fast, memory efficient tools that are useful by themselves or in combination. Together, they form an “iterator algebra” making it possible to construct specialized tools succinctly and efficiently in pure Python.

Types of Iterators

Infinite Iterators

Iterator	Argument	Result	Example
count()	start, [step]	start, start+step, start+2*step, …	count(10) --> 10 11 12 13 14 ...
cycle()	p	p0, p1, … plast, p0, p1, …	cycle('ABCD') --> A B C D A B C D ...
repeat()	elem [,n]	elem, elem, elem, … endlessly or up to n times	repeat(10, 3) --> 10 10 10

By **Aasim** (aasimkhan)

cheatography.com/aasimkhan/

Not published yet.
Last updated 26th March, 2023.
Page 1 of 1.

Sponsored by **Readable.com**
Measure your website readability!
https://readable.com