

# ITERABLES AND ITERATORS

INTRODUCTION



What is an iterable?      Something fit for iterating over



→ we'll see a more formal definition for Python's iterable **protocol**

Already seen: Sequences and iteration

More general concept of iteration

**Iterators**      → get next item, no indexes needed      → **consumables**

**Iterables**

Consuming iterators manually

Relationship between sequence types and iterators

Infinite Iterables

Lazy Evaluation

Iterator Delegation