A demonstration of the Python ‘collections’ module - a framework for implementing container datatypes.

This module implements specialized container datatypes providing alternatives to Python’s general purpose built-in containers, dict, list, set, and tuple.

namedtuple(): factory function for creating tuple subclasses with named fields.

deque: list-like container with fast appends and pops on either end.

ChainMap: dict-like class for creating a single view of multiple mappings.

Counter: dict subclass for counting hashable objects.

OrderedDict: dict subclass that remembers the order entries were added.

Defaultdict: dict subclass that calls a factory function to supply missing values.

UserDict: wrapper around dictionary objects for easier dict subclassing.

UserList: wrapper around list objects for easier list subclassing.

UserString: wrapper around string objects for easier string subclassing.

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