

Queue Module Python 2.x 2.7

The Queue module implements multi-producer, multi-consumer queues. It is especially useful in threaded programming when information must be exchanged safely between multiple threads. There are three types of queues provided by queue module, which are as following : 1. Queue 2. LifoQueue 3. PriorityQueue. Exceptions which could be come: 1. Full (queue overflow) 2. Empty (queue underflow)

Examples

Simple example

```
from Queue import Queue

question_queue = Queue()

for x in range(1,10):
    temp_dict = ('key', x)
    question_queue.put(temp_dict)

while(not question_queue.empty()):
    item = question_queue.get()
    print(str(item))
```

Output:

```
('key', 1)
('key', 2)
('key', 3)
('key', 4)
('key', 5)
('key', 6)
('key', 7)
('key', 8)
('key', 9)
```

Syntax

Parameters

Remarks