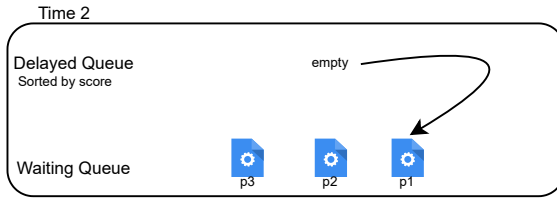
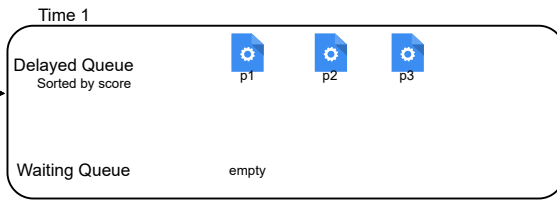


Process 1  
 \$this->getQueue()  
 ->delay(1)  
 ->push(\$p1);

Process 2  
 \$this->getQueue()  
 ->delay(1)  
 ->push(\$p3);

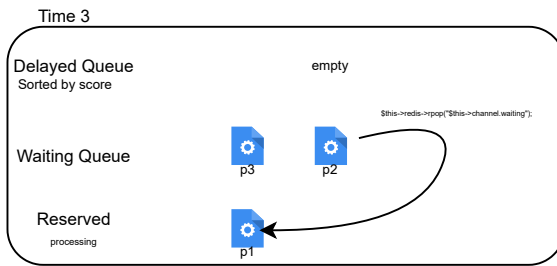
Process 3  
 \$this->getQueue()  
 ->delay(1)  
 ->push(\$p3);



```

* @param string $from
protected function moveExpired($from)
{
    $now = time();
    if ($expired = $this->redis->expire($from, $now, "100")) {
        $this->redis->expire($from, "100", $now);
        $this->redis->push($this->channel.waiting, $id);
    }
}

```



```

* @param int $timeout seconds
* @return array|null payload
protected function reserve($timeout)
{
    // Move delayed and reserved jobs into waiting list with lock for one second
    if ($this->redis->move($this->channel.delayed, $now, $now, "200", 1)) {
        $this->moveExpired($this->channel.delayed);
        $this->moveExpired($this->channel.reserved);
    }
    // Find a new waiting message
    $id = null;
    if ($timeout) {
        $id = $this->redis->pop($this->channel.waiting);
    } else {
        $result = $this->redis->lpop($this->channel.waiting, $timeout);
        $id = $result[1];
    }
    if ($id) {
        return $id;
    }
    $payload = $this->redis->pop($this->channel.reserved, $id);
    list($id, $message) = explode(':', $payload, 2);
    $this->redis->push($this->channel.waiting, time() + $tr, $id);
    $this->redis->push($this->channel.waiting, $this->channel.waiting, $id, 1);
    return [$id, $message, $tr, $timeout];
}

```

Process 4  
 \$this->getQueue()  
 ->delay(1)  
 ->push(\$p4);

Process 5  
 \$this->getQueue()  
 ->delay(1)  
 ->push(\$p5);

Process 6  
 \$this->getQueue()  
 ->delay(1)  
 ->push(\$p6);

