9: 方块自动向下移动

移动还是判断是否可以移动和移动,跟之前得一样,这里直接贴代码:

```
public void AutoMove()
                    自动向下移动
   //只要有移动,就需要先擦除
   ClearDraw():
   //首要得到移动的距离
   Position pos = new Position(0, 1); 就是往下移动一个, y轴-1
   //得到所有方块,让其向下移动
   for (int i = 0; i < blocks. Count; <math>i++)
      blocks[i].pos += pos;
      //也可以直接y轴+1:
   //blocks[i].pos.y += 1;
} Draw();少了个绘制方法
                          判断是否可以移动
public bool CanMove (Map map)
   //临时变量存储pos
   Position tmpPos = new Position(0, 1);
   Position pos:
   for (int i = 0; i < blocks. Count; i++)
      pos = blocks[i].pos + tmpPos;
                             如果放行的y轴等于底部,就不能移动了,且会
      if (pos. y == map. h)
                                    墙体,这个时候,就需要添加到动态
          map. AddWalls(blocks);
          RandomCreateBlock();
          return false;
      for (int j = 0; j < map. dynamicWalls. Count; <math>j++)
                                            这里判断跟动态墙体相等于了就需
          if (pos == map. dynamicWalls[j].pos) {
             map. AddWalls(blocks);
             RandomCreateBlock();
             return false;
   return true;
```

```
if (Console. KeyAvailable) 游戏界面的循环,增加判断是否有按键事件
    switch (Console. ReadKey (true). Key)
       case ConsoleKey. A:
            //判断是否可变形
           if (woker.CanChange(E_ChangeType.Left, map))
               woker. Change(E_ChangeType.Left);
           break;
       case ConsoleKey. D:
           if (woker.CanChange(E_ChangeType.Right, map))
               woker. Change(E_ChangeType. Right);
           break;
       case ConsoleKey.RightArrow:// ->
            if (woker. CanMove(E_ChangeType. Right, map))
               woker. MoveLR(E_ChangeType. Right);
           break;
       case ConsoleKey.LeftArrow://<-
            if (woker.CanMove(E_ChangeType.Left, map))
               woker. MoveLR(E_ChangeType. Left);
           break;
e1se
   Thread. S1eep (100);
   if (woker.CanMove(map))
woker.AutoMove();
没有就自动下移
```