# 代码覆盖率

工具: gcov lcov

### 终局生成

执行命令:

./sudoku -c 10

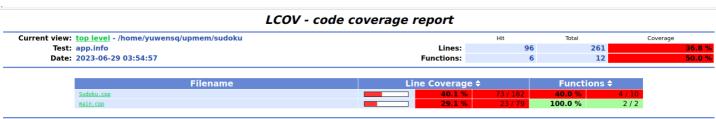
LCOV - code coverage report							
Current view: top level - /home/yuwensq/upmem/sudoku		Hit	Total	Coverage			
Test: app.info	Lines:	61	261	23.4			
Date: 2023-06-29 03:48:57	Functions:	5	12	41.7			
Filename	Line Coverage \$		Functions \$				
Sudoku.cpp	22.0 %	40 / 182	30.0 % 3 / 1	5			
main.cpp	26.6 %	21 / 79	100.0 % 2 / 1	2			

Generated by: LCOV version 1.14

#### 游戏生成

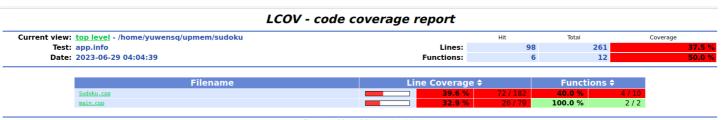
执行命令:

./sudoku -n 1000

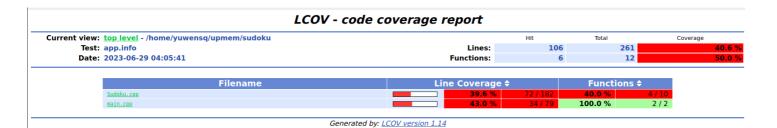


Generated by: LCOV version 1.14

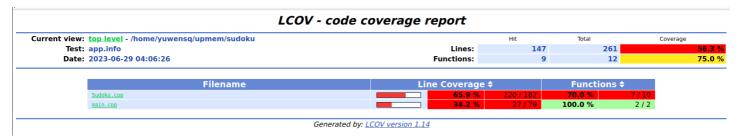
./sudoku -n 1000 -m 3



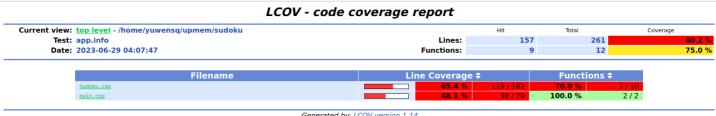
Generated by: LCOV version 1.14



./sudoku -n 1000 -u



./sudoku -n 1000 -m 3 -r 20~55 -u



Generated by: LCOV version 1.14

## 数独求解

#### 执行命令:

./sudoku -s game.txt

LCOV - code coverage report							
Current view: top level - /home/yuwensq/upmem/sudoku		Hit	Total	Coverage			
Test: app.info	Lines:	105	261	40.			
Date: 2023-06-29 04:11:42	Functions:	7	12	58.			
Filename	Line Coverage \$		Functions \$				
<u>Sudoku.cpp</u>	45.1 %	82 / 182	<b>50.0</b> % 5 / 1	0			
main.cpp	29.1 %	23 / 79	<b>100.0</b> % 2 /	2			

覆盖率如上所示,所有测试样例相加几乎覆盖了所有的代码。