|  |  |  |  |
| --- | --- | --- | --- |
| 软件名称 |  | 被测件版本标识 |  |
| 测试人员 |  | 测试日期 |  |
| 软件测试工具 | | Testbed9.3 | |
| 软件规模总行数： | 行 | 总注释率： | % |
| 各文件代码行数   |  |  |  | | --- | --- | --- | | 序号 | 文件名称 | 行数 | | 1 | SCAN.C | 294 | | 2 | ANALYZE.C | 234 | | 3 | TM.C | 1115 | | 4 | AsyncLogging.cpp | 153 | | 5 | UTIL.C | 245 | | 6 | CODE.C | 90 | | 7 | PARSE.C | 422 | | 8 | SYMTAB.C | 129 | | 9 | MAIN.C | 89 | | 10 | CGEN.C | 257 | | | | |
| 静态质量度量   |  |  |  |  | | --- | --- | --- | --- | | 序号 | 文件名称 | 模块总数 | 最大/最小模块行数 | | 1 | SCAN.C | 4 | 226/9 | | 2 | ANALYZE.C | 7 | 107/4 | | 3 | TM.C | 13 | 344/6 | | 4 | AsyncLogging.cpp | 3 | 121/5 | | 5 | UTIL.C | 6 | 88/13 | | 6 | CODE.C | 7 | 19/3 | | 7 | PARSE.C | 14 | 62/5 | | 8 | SYMTAB.C | 4 | 46/13 | | 9 | MAIN.C | 1 | 89/89 | | 10 | CGEN.C | 4 | 108/17 | | | | |
| 模块圈复杂度、扇出数统计   |  |  |  |  | | --- | --- | --- | --- | | 序号 | 模块名称 | 圈复杂度（超过10） | 扇出数（大于7） | | 1 | getNextChar | 4 | 3 | | 2 | ungetNextChar | 2 | 0 | | 3 | reservedLookup | 3 | 1 | | 4 | getToken | 34 | 7 | | 5 | traverse | 3 | 3 | | 6 | nullProc | 2 | 0 | | 7 | insertNode | 7 | 2 | | 8 | buildSymtab | 2 | 5 | | 9 | typeError | 1 | 1 | | 10 | checkNode | 17 | 1 | | 11 | typeCheck | 1 | 3 | | 12 | opClass | 3 | 0 | | 13 | writeInstruction | 5 | 2 | | 14 | getCh | 2 | 0 | | 15 | nonBlank | 4 | 0 | | 16 | getNum | 9 | 3 | | 17 | getWord | 4 | 3 | | 18 | skipCh | 3 | 2 | | 19 | atEOL | 1 | 1 | | 20 | error | 2 | 1 | | 21 | readInstructions | 38 | 10 | | 22 | stepTM | 34 | 6 | | 23 | doCommand | 40 | 10 | | 24 | main | 6 | 8 | | 25 | AsyncLogging::AsyncLogging | 1 | 13 | | 26 | AsyncLogging::append | 3 | 8 | | 27 | AsyncLogging::threadFunc | 11 | 33 | | 28 | printToken | 16 | 1 | | 29 | newStmtNode | 3 | 2 | | 30 | newExpNode | 3 | 2 | | 31 | copyString | 3 | 4 | | 32 | printSpaces | 2 | 1 | | 33 | printTree | 13 | 4 | | 34 | emitComment | 2 | 1 | | 35 | emitRO | 3 | 1 | | 36 | emitRM | 3 | 1 | | 37 | emitSkip | 2 | 0 | | 38 | emitBackup | 2 | 1 | | 39 | emitRestore | 1 | 0 | | 40 | emitRM\_Abs | 3 | 1 | | 41 | syntaxError | 1 | 1 | | 42 | match | 2 | 4 | | 43 | stmt\_sequence | 7 | 2 | | 44 | statement | 6 | 8 | | 45 | if\_stmt | 5 | 4 | | 46 | repeat\_stmt | 3 | 4 | | 47 | assign\_stmt | 4 | 4 | | 48 | read\_stmt | 3 | 3 | | 49 | write\_stmt | 2 | 3 | | 50 | exp | 5 | 3 | | 51 | simple\_exp | 4 | 3 | | 52 | term | 4 | 3 | | 53 | factor | 8 | 8 | | 54 | parse | 2 | 3 | | 55 | hash | 2 | 0 | | 56 | st\_insert | 5 | 3 | | 57 | st\_lookup | 4 | 2 | | 58 | printSymTab | 5 | 1 | | 59 | main | 11 | 16 | | 60 | genStmt | 12 | 9 | | 61 | genExp | 16 | 5 | | 62 | cGen | 4 | 3 | | 63 | codeGen | 1 | 8 | | | | |