

Appendix A: Information of Detected New Bugs

Paper #305

TABLE I: Information of 18 new bugs detected by *CTC*.

| Subject | ID | Component | Symptom | Status | Time |
|---------|--------|-------------------|------------|-----------|---------|
| GCC | 110123 | tree-optimization | crash | Fixed | 110,802 |
| GCC | 110528 | rtl-optimization | time hog | Confirmed | 136,774 |
| GCC | 110556 | tree-optimization | wrong code | Fixed | 139,031 |
| GCC | 110662 | ipa | wrong code | Confirmed | 125,599 |
| GCC | 111458 | tree-optimization | crash | Confirmed | 164,660 |
| GCC | 111483 | middle-end | crash | Fixed | 134,273 |
| GCC | 111490 | ipa | wrong code | Confirmed | 163,111 |
| GCC | 111554 | rtl-optimization | time hog | Fixed | 183,858 |
| GCC | 111599 | tree-optimization | crash | Fixed | 150,224 |
| GCC | 111734 | tree-optimization | wrong code | Fixed | 64,804 |
| GCC | 111789 | ipa | wrong code | Fixed | 160,143 |
| GCC | 111863 | middle-end | wrong code | Fixed | 175,877 |
| GCC | 111873 | tree-optimization | wrong code | Confirmed | 191,895 |
| LLVM | 68529 | — | crash | Fixed | 73,195 |
| LLVM | 70314 | — | wrong code | Awaiting | 101,871 |
| LLVM | 70421 | — | wrong code | Fixed | 110,070 |
| LLVM | 70900 | — | wrong code | Fixed | 121,043 |
| LLVM | 71068 | — | wrong code | Fixed | 137,767 |

The information of 18 new bugs detected by *CTC* (including the time required from *CTC*'s deployment to bug triggering) is shown in Table I. The time is measured in seconds.