

CoCoA-5 - Bug #447

CoCoA-5.0.3 Microsoft std::bad_alloc

20 Feb 2014 12:02 - John Abbott

| | | | |
|---|----------------------|------------------------|-------------|
| Status: | Closed | Start date: | 20 Feb 2014 |
| Priority: | Urgent | Due date: | |
| Assignee: | Anna Maria Bigatti | % Done: | 100% |
| Category: | Portability | Estimated time: | 2.00 hours |
| Target version: | CoCoA-5.1.0 Easter14 | Spent time: | 1.50 hour |
| Description | | | |
| The following input produces a std::bad_alloc exception on Microsoft Windows 7 Ultimate (Service Pack 1) 2009 | | | |
| <pre>Use R:=QQ[x,y,z,t]; I := ideal(zero(R)); Lista := [x,y]; elim(Lista,I);</pre> | | | |
| Reported by Elisa Businelli | | | |

History

#1 - 22 Feb 2014 10:58 - John Abbott

On my portable it gave no problem: just returned the result ideal().

With full debugging I get a failed assertion:

```
==== CoCoA Assertion failed: [[len(myPairs)!=0]]
==== File: TmpGReductor.C
==== Line: 985
```

#2 - 02 Apr 2014 17:33 - Anna Maria Bigatti

- Target version set to CoCoA-5.1.0 Easter14

#3 - 11 Apr 2014 18:00 - John Abbott

- Status changed from New to In Progress

- Assignee set to Anna Maria Bigatti

- % Done changed from 0 to 20

#4 - 16 May 2014 14:07 - John Abbott

(20140516) I get the same problem in my 32-bit Linux VM. Investigating.

#5 - 16 May 2014 19:23 - John Abbott

- *Status changed from In Progress to Closed*
- *% Done changed from 20 to 50*
- *Estimated time set to 2.00 h*

Anna says she has fixed it; exbugs.cocoa5 now passes on Linux.

#6 - 16 May 2014 19:24 - John Abbott

- *% Done changed from 50 to 100*

#7 - 22 May 2014 17:20 - John Abbott

Elisa Businelli has kindly lent us her computer so that we could confirm that the problem has been resolved on her machine too.