CoCoA-5 - Design #1091

ExternaLib-MathSAT: (first) prototype CoCoA-5 interface for MathSAT

13 Jul 2017 17:17 - Anna Maria Bigatti

Status: Closed Start date: 13 Jul 2017

Priority: Normal Due date:

Assignee: Anna Maria Bigatti % Done: 100%

Category:CoCoA-5 function: newEstimated time:8.01 hoursTarget version:CoCoA-5.2.2Spent time:7.00 hours

Description

Related issues:

Related to CoCoALib - Feature #1090: ExternaLib-MathSAT: first prototype Closed 12 Jul 2017 29 Jul 2017

History

#1 - 13 Jul 2017 17:32 - Anna Maria Bigatti

- % Done changed from 0 to 40
- Estimated time set to 16.00 h

First prototype working, very naive implementation

```
/**/ M := mat([[1,9],[2,5]]); L := [123,456];
/**/ LinSolve(M, ColMat(L));
matrix(QQ,
  [[3489/13],
      [-210/13]])
/**/ MSatLinSolve(record[eq := ConcatHor(M, ColMat(L))]);
matrix(QQ,
  [[3489/13],
      [-210/13]])
```

Now I have to make it working for 3x3 matrices ;-) Need some data type designing....

#2 - 14 Jul 2017 11:04 - Anna Maria Bigatti

- % Done changed from 40 to 60

17 Apr 2024 1/2

matrix(QQ, [[0], [-14/5], [16/5]])

#3 - 14 Jul 2017 11:04 - Anna Maria Bigatti

- Related to Feature #1090: ExternaLib-MathSAT: first prototype added

#4 - 21 Jul 2017 16:28 - Anna Maria Bigatti

- Status changed from New to In Progress

#5 - 11 Dec 2017 17:58 - Anna Maria Bigatti

- Subject changed from ExternaLib-MathSAT: prototype CoCoA-5 interface for MathSAT to ExternaLib-MathSAT: (first) prototype CoCoA-5 interface for MathSAT
- Status changed from In Progress to Closed
- % Done changed from 60 to 100
- Estimated time changed from 16.00 h to 8.01 h

17 Apr 2024 2/2