CoCoA - Support #425

Osnabrueck 2014-01

27 Jan 2014 14:49 - John Abbott

Status:	Closed		Start date:	27 Jan 2014
Priority:	Normal		Due date:	
Assignee:			% Done:	100%
Category:	Administration		Estimated time:	0.00 hour
Target version:			Spent time:	0.35 hour

Description

Here's what we hope to do during the week here.

Related issues:

Related to CoCoALib - Feature #253: W.Bruns's wish list	**Closed**	**04 Oct 2012**
Related to CoCoALib - Feature #209: ReadExpr: input polynomials in CoCoALib	**Closed**	**24 Jul 2012**
Related to CoCoALib - Feature #407: RingElem ctor from mpz_t (from Bruns)	**Closed**	**12 Oct 2013**
Related to CoCoALib - Feature #233: AsINT and AsRAT -- ConvertTo<BigInt> and...	**Closed**	**25 Sep 2012**
Related to CoCoALib - Bug #413: OrdvArith: use of a single buffer is NOT THRE...	**Closed**	**21 Nov 2013**
Related to CoCoALib - Feature #430: Use -fopenmp flag when compiling CoCoALib...	**Closed**	**29 Jan 2014**
Related to CoCoA - Bug #238: Cleaner CVS?	**Closed**	**26 Sep 2012**
Related to CoCoALib - Feature #431: NewPolyRing_DMPI has no constructor with ...	**Closed**	**30 Jan 2014**
Related to CoCoALib - Feature #342: Remove denominators: QQ[x] -> ZZ[x] (an...	**Closed**	**17 Apr 2013**
Related to CoCoALib - Design #254: How to return a Hilbert Series in CoCoALib	**Closed**	**08 Oct 2012**

History

#1 - 27 Jan 2014 15:26 - John Abbott

Bruns mentioned sometime ago (1 year?) that CoCoALib-0.9951 was about 20% faster than a later version.

20140127: Christof is running some tests on his linux box, and he is observing quite significant variation in relative execution speeds (comparing 0.9951, 0.99531 CVS, 0.99531 JAA "private" version).

20140128: The speed comparison did not show evidence of 0.9951 being uniformly faster than the current version (0.99531); nevertheless, there were considerable variations in relative performance.

We are now regarding the reported apparent drop in performance as an occasional phenomenon (perhaps due to memory access patterns and mysterious cache effects?)

#2 - 28 Jan 2014 14:45 - Anna Maria Bigatti

- Status changed from New to In Progress

#3 - 10 Jul 2014 13:35 - John Abbott

- Category set to Administration

- Status changed from In Progress to Closed

- % Done changed from 0 to 100

Essentially everything listed has been done --> closing.