CoCoALib - Feature #44

Feature # 39 (Closed): Squarefree factorization

Feature # 43 (Closed): Squarefree factorization - for polynomials

Squarefree factorization - univariate polynomials

30 Nov 2011 17:20 - John Abbott

Status:	Closed		**Start date:**	30 Nov 2011
Priority:	Normal		**Due date:**	
Assignee:	John Abbott		**% Done:**	100%
Category:	New Function		**Estimated time:**	0.00 hour
Target version:	CoCoALib-0.99531		**Spent time:**	0.80 hour

Description
For the case of sqfr factorization of univariate polynomials, it is easy to obtain the coarsest sqfr factorization.

Subtasks:	
Feature # 45: Squarefree factorization - univariate polynomials, char 0	**Closed**
Feature # 46: Squarefree factorization - univariate polynomials, char p > 0	**Closed**
Feature # 69: p-th root	**Closed**

History

#1 - 23 Oct 2013 20:31 - John Abbott

- Status changed from New to Closed

- Assignee set to John Abbott

The multivariate code (port of d'Ali's impl of Bernardin's algm) also handles the univariate case, and seems to be fast enough (or will be once a proper GCD is available).

Closing.

#2 - 29 Oct 2013 12:34 - Anna Maria Bigatti

- Target version set to CoCoALib-0.99531