CoCoALib - Feature #661

Laurent polynomials

23 Jan 2015 13:48 - John Abbott

Status:	New	**Start date:**	23 Jan 2015
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:	New Function	**Estimated time:**	0.00 hour
Target version:	CoCoALib-1.0	**Spent time:**	0.30 hour

Description

I propose adding a LaurentPolynomial ring extension.

History

#1 - 23 Jan 2015 13:50 - John Abbott

There are two cases to consider:

- dense univariate
- sparse multivariate

One "easy" solution is to use existing data structures together with a "shift" to be added to the exponents.

While the user could employ explicitly this trick above for representing laurent polys, it would be nicer to offer a built-in way of expressing them (so that the user does not need to resort to "tricks").