CoCoALib - Feature #174

IsStdGraded: add for PPOrdering, PPMonoid, (Sparse)PolyRing..

01 Jun 2012 17:43 - Anna Maria Bigatti

Status:	New		**Start date:**	01 Jun 2012
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:	New Function		**Estimated time:**	0.00 hour
Target version:	CoCoALib-1.0		**Spent time:**	0.20 hour

Description

Which types should offer **IsStdGraded**?

Port it also to CoCoA-5

Related issues:

Related to CoCoALib - Feature #310: ordering and grading (weights) matrix	**Closed**	**13 Feb 2013**

History

#1 - 08 Jun 2012 22:16 - John Abbott

Should modules also have an IsStdGraded?
Note we have already used the abbrev std for standard (*e.g.* **StdDeg**)

What is the defn of standard graded?

1. All indets have deg 1
2. All indets have the same (non-zero) deg

#2 - 19 Jun 2012 17:02 - Anna Maria Bigatti

- Subject changed from IsStandardGraded: add for PPOrdering, PPMonoid, (Sparse)PolyRing.. to IsStdGraded: add for PPOrdering, PPMonoid, (Sparse)PolyRing..

#3 - 19 Jun 2012 17:04 - Anna Maria Bigatti

John Abbott wrote:

> Should modules also have an IsStdGraded?
> **Note** we have already used the abbrev std for standard (*e.g.* **StdDeg**)

true: I changed the title

> What is the defn of standard graded?
>
> 1. All indets have deg 1

This one (in particular GradingDim is 1)

> 1. All indets have the same (non-zero) deg

#4 - 01 Aug 2014 08:59 - Anna Maria Bigatti

- Target version set to CoCoALib-1.0