

CoCoALib - Design #404

deg(F,X) instead of MaxExponent(F,X) ?

09 Oct 2013 18:14 - John Abbott

Status:	Closed	Start date:	09 Oct 2013
Priority:	Normal	Due date:	
Assignee:	John Abbott	% Done:	100%
Category:	Renaming	Estimated time:	2.00 hours
Target version:	CoCoALib-0.99533 Easter14	Spent time:	2.50 hours
Description Currently CoCoALib has a fn called MaxExponent which computes the degree of a poly in an indet. Can we rename this fn to deg ? Are there any potential pitfalls? Note that C5 understands deg(f,x) apparently without any problems.			

History

#1 - 10 Oct 2013 12:42 - John Abbott

- Subject changed from *deg(F,X) MaxExponent(F,X)* to *deg(F,X) instead of MaxExponent(F,X) ?*

The fn for computing the degree of an indet in a PP is called **exponent** (presumably the name was chosen after the fn **exponents**).

Should the fn for PPs also be called deg? It seems unhelpful to use a different name. JAA thinks that deg is more natural; but what should exponents be called?

Example: currently MaxExponent(f,x) exponent(LPP(f),x) with the right term ordering

Example: could become deg(f,x) deg(LPP (f),x) [space in LPP (f) because of redmine BUG]

#2 - 29 Oct 2013 13:08 - Anna Maria Bigatti

- Target version set to CoCoALib-0.99532

#3 - 02 Apr 2014 07:48 - Anna Maria Bigatti

- Target version changed from CoCoALib-0.99532 to CoCoALib-0.99533 Easter14

#4 - 11 Apr 2014 17:57 - John Abbott

- Target version changed from CoCoALib-0.99533 Easter14 to CoCoALib-0.99534 Seoul14

#5 - 14 May 2014 17:29 - John Abbott

- Status changed from New to Feedback

- Assignee set to John Abbott

- % Done changed from 0 to 90

- Estimated time set to 2.00 h

No problems arose when I made the change.
Status -> feedback

#6 - 20 May 2014 09:47 - John Abbott

- *Status changed from Feedback to Closed*

- *Target version changed from CoCoALib-0.99534 Seoul14 to CoCoALib-0.99533 Easter14*

- *% Done changed from 90 to 100*