

CoCoA-5 - Design #1533

RingElem and IndetSymbols not compatible

06 Nov 2020 13:34 - John Abbott

Status:	In Progress	Start date:	06 Nov 2020
Priority:	Low	Due date:	
Assignee:		% Done:	10%
Category:	enhancing/improving	Estimated time:	0.00 hour
Target version:	CoCoA-5.4.2	Spent time:	0.30 hour
Description			
The functions RingElem and IndetSymbols are sort-of-inverses; but we could perhaps do better?			
<pre>P ::= QQ[a,b[1]]; L := IndetSymbols(P); --> list of RECORDs RingElem(P, L[1]); --> ERROR RingElem(P, concat([L[1].head], L[1].indices)); --> OK</pre>			
The last line above is a bit ugly! Should we make it simpler/neater?			
Related issues:			
Related to CoCoALib - Feature #1532: Convenient RingHom pseudo-ctors		In Progress	06 Nov 2020

History

#1 - 06 Nov 2020 13:35 - John Abbott

- Related to Feature #1532: Convenient RingHom pseudo-ctors added

#2 - 06 Nov 2020 13:54 - John Abbott

- Status changed from New to In Progress

- Priority changed from Normal to Low

- % Done changed from 0 to 10

#3 - 06 Nov 2020 13:56 - John Abbott

The obvious convenient solution would be to allow RingElem to accept the RECORD produced by IndetSymbols.
Might that cause problems?