

CoCoALib - Feature #1654

New function IsInSymbols

28 Jan 2022 08:51 - Anna Maria Bigatti

Status:	New	Start date:	28 Jan 2022
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.10 hour
<b>Description</b> We misuse <b>AreDistinct</b> to test whether a symbol is in a PolyRing. The advantage is that <b>AreDistinct</b> sees just symbols, but that's costly!  This is a very invasive little function (in all rings). I think we'll need also something like <b>IsArityConsistent</b> .			
<b>Related issues:</b> Related to CoCoA-5 - Slug #1629: RingElem slow with many indets			
		Closed	08 Nov 2021

History

#1 - 28 Jan 2022 08:52 - Anna Maria Bigatti  
- Related to Slug #1629: RingElem slow with many indets added

#2 - 28 Jan 2022 10:25 - John Abbott  
Anna, could you please describe more explicitly what you are proposing?  
I am not sure I understand from the issue description.

#3 - 12 May 2023 07:24 - Anna Maria Bigatti  
John Abbott wrote:  
  
Anna, could you please describe more explicitly what you are proposing?  
I am not sure I understand from the issue description.

comes from [#1629#note-5](#) and [#1629#note-10](#)

#4 - 12 May 2023 08:03 - Anna Maria Bigatti  
See function  

```
RingElemRawPtr RingBase::myNew(const symbol& s) const
```

  
in ring.C