

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
Description			
We misuse AreDistinct to test whether a symbol is in a PolyRing. The advantage is that AreDistinct 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 IsArityConsistent .			
Related issues:			
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