

## CoCoALib - Design #1184

### should BeginIter(RingElem) be in SparsePolyIter or in SparsePolyOps-RingElem?

18 May 2018 17:52 - Anna Maria Bigatti

<b>Status:</b>	Closed	<b>Start date:</b>	18 May 2018
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	John Abbott	<b>% Done:</b>	100%
<b>Category:</b>	Tidying	<b>Estimated time:</b>	1.01 hour
<b>Target version:</b>	CoCoALib-0.99700	<b>Spent time:</b>	0.80 hour
<b>Description</b>			
<b>Related issues:</b>			
Related to CoCoALib - Design #1177: File names: use "SparsePolyOps" prefix fo...		<b>Closed</b>	<b>06 Apr 2018</b>
Related to CoCoALib - Design #1163: Split SparsePolyRing.C in smaller files		<b>Closed</b>	<b>27 Feb 2018</b>

#### History

##### #1 - 30 Jul 2018 16:15 - Anna Maria Bigatti

I think it should be in SparsePolyIter

##### #2 - 30 Jul 2018 16:15 - Anna Maria Bigatti

- % Done changed from 0 to 10

##### #3 - 30 Jul 2018 18:13 - John Abbott

I agree that BeginIter should be with the other iterator fns.  
Should the file be called SparsePolyOps-iter???

##### #4 - 31 Jul 2018 11:54 - Anna Maria Bigatti

- Status changed from New to Resolved

- Assignee set to John Abbott

John Abbott wrote:

I agree that BeginIter should be with the other iterator fns.  
Should the file be called SparsePolyOps-iter???

I think it is correct SparsePolyIter, the name of the class.  
I consider Ops for operations on a certain class (which is defined in its own file)

##### #5 - 02 Aug 2018 17:05 - Anna Maria Bigatti

- Related to Design #1177: File names: use "SparsePolyOps" prefix for pertinent files added

##### #6 - 02 Aug 2018 17:06 - Anna Maria Bigatti

- Related to Design #1163: Split SparsePolyRing.C in smaller files added

**#7 - 03 Aug 2018 16:56 - John Abbott**

- Status changed from Resolved to Closed
- % Done changed from 10 to 100
- Estimated time set to 0.66 h

**SUMMARY: yes, BigIter goes into the same file where the iterator class is defined**

**#8 - 06 Aug 2018 15:31 - Anna Maria Bigatti**

- Status changed from Closed to Resolved
- Target version changed from CoCoALib-0.99600 to CoCoALib-0.99650 November 2019
- % Done changed from 100 to 80

After closing this, I changed my mind:  
It is simpler to leave the in SparsePolyOps-RingElem.C.  
As simple is good, reconsider this for next version, and (probably) reject it.

**2020-02** change my mind again! Done it!

**#9 - 01 Oct 2019 12:23 - John Abbott**

- Target version changed from CoCoALib-0.99650 November 2019 to CoCoALib-0.99700

**#10 - 12 Feb 2020 15:49 - Anna Maria Bigatti**

I checked. The class declaration is in SparsePolyIter.H.  
There are only two functions defined in SparsePolyOps-RingElem.C: BeginIter and EndIter.  
Now I think that, even though for just two functions, we should make SparsePolyIter.C and put them there, otherwise it looks awkward.

**#11 - 12 Feb 2020 16:39 - Anna Maria Bigatti**

- Status changed from Resolved to Feedback
- % Done changed from 80 to 90

**#12 - 12 Feb 2020 18:17 - Anna Maria Bigatti**

- Status changed from Feedback to Closed
- % Done changed from 90 to 100
- Estimated time changed from 0.66 h to 1.01 h