

## CoCoALib - Design #339

### DenseUPolyClean uses size\_t

08 Apr 2013 21:06 - John Abbott

<b>Status:</b>	Closed	<b>Start date:</b>	08 Apr 2013
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	John Abbott	<b>% Done:</b>	100%
<b>Category:</b>	Portability	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	CoCoALib-0.9953	<b>Spent time:</b>	1.40 hour
<b>Description</b>			
DenseUPolyClean uses std::size_t both internally and in fn interfaces.			
Is this really appropriate? If not, replace size_t by something else (presumably long).			
<b>Related issues:</b>			
Related to CoCoALib - Feature #219: myDeriv for RingDenseUPolyClean still mis...		<b>Closed</b>	<b>03 Aug 2012</b>

#### History

##### #1 - 22 May 2013 15:34 - Anna Maria Bigatti

- Category set to Portability
- Status changed from New to Feedback
- Assignee set to John Abbott
- Target version set to CoCoALib-0.9953
- % Done changed from 0 to 90

John did this

```
// Revision 1.20 2013/04/17 16:30:28 abbott
```

please set **Spent time**

##### #2 - 22 May 2013 16:50 - John Abbott

Several mem fns have args of type long; should the type be changed to MachineInt?

How many args does deriv have? Header declares 3; impl has only 2. 2 should be enough!

##### #3 - 28 May 2013 18:57 - John Abbott

- Status changed from Feedback to Closed
- % Done changed from 90 to 100

In general mem fns will have args f type **long** (rather than MachineInt) because assume that only "experts" call mem fns.

I have eliminated the deriv signature with 3 args (it corresponded to no impl, and was misleading anyway).

Regarding this matter as closed (even though all the code is rather messy).