

## CoCoA-5 - Feature #105

### Add $I^*f$ and $f^*I$ (RINGELEM and IDEAL)

16 Mar 2012 07:38 - Anna Maria Bigatti

<b>Status:</b>	Closed	<b>Start date:</b>	16 Mar 2012
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	John Abbott	<b>% Done:</b>	100%
<b>Category:</b>	Parser/Interpreter	<b>Estimated time:</b>	3.00 hours
<b>Target version:</b>	CoCoA-5.0.9	<b>Spent time:</b>	0.85 hour
<b>Description</b>			
Multiplication of RINGELEM and IDEAL is missing. Add it to CoCoALib and CoCoA-5.  (Multiply, product: keys for "Search" ;-)			

### History

#### #1 - 19 Mar 2012 11:45 - John Abbott

Just a quick note reporting what we'd already said vocally: both left and right multiplication should be enabled (partly for symmetry, and partly to simplify possible future extensions to non-commutative rings).

#### #2 - 28 Mar 2014 09:44 - John Abbott

- Status changed from New to Feedback

- % Done changed from 0 to 90

JAA has made a simplistic impl.

Documentation?

#### #3 - 01 Apr 2014 18:46 - Anna Maria Bigatti

- Status changed from Feedback to Closed

- Assignee changed from Anna Maria Bigatti to John Abbott

- Target version set to CoCoA-5.0.9

- % Done changed from 90 to 100