

CoCoA-5 - Feature #318

implement "indent" for modules

20 Feb 2013 17:12 - Anna Maria Bigatti

Status:	Closed	Start date:	20 Feb 2013
Priority:	Normal	Due date:	
Assignee:	Anna Maria Bigatti	% Done:	100%
Category:	Incomplete function	Estimated time:	0.00 hour
Target version:	CoCoA-5.0.9	Spent time:	0.75 hour
Description implement indent for module as it is done for ideal			

History

#1 - 20 Feb 2013 17:44 - Anna Maria Bigatti

implemented: the decision is to use the matrix representation by rows (as highlighted by the name)

```
/**/ indent(M);
SubmoduleRows(F, matrix([
  [0, x, -z],
  [1, 0, -x]
]))
```

I was undecided between rows and cols, but the vertical alignment is immediately broken by any non trivial case, whereas rows still have a chance to be readable.

```
/**/ Use R := QQ[x,y,z];
/**/ indent(syz([x^2-y-1, y^3-z, x^2-y, y^3-z]));
SubmoduleRows(F, matrix([
  [y^3 -z, 0, 0, -x^2 +y +1],
  [0, 1, 0, -1],
  [x^2 -y, 0, -x^2 +y +1, 0],
  [0, 0, y^3 -z, -x^2 +y]
]))
```

Note: syz ;-)

#2 - 01 Aug 2013 07:29 - Anna Maria Bigatti

- *Status changed from New to Closed*
- *% Done changed from 0 to 100*