

## CoCoA-5 - Support #1298

### How can user find the indent command?

19 Jul 2019 10:59 - John Abbott

<b>Status:</b>	Closed	<b>Start date:</b>	19 Jul 2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	John Abbott	<b>% Done:</b>	100%
<b>Category:</b>	Manual/documentation	<b>Estimated time:</b>	1.23 hour
<b>Target version:</b>	CoCoA-5.4.0	<b>Spent time:</b>	1.20 hour
<b>Description</b> A student here wanted a command like indent (to print out a list) but could not find it.  Indeed, I tried looking for the manual entry starting from they keyword list but did not find it.  Improve accessibility of the manual page for indent.			
<b>Related issues:</b> Related to CoCoA-5 - Support #333: manual entry for "indent" <span style="float: right;">Closed 04 Apr 2013</span>			

#### History

##### #1 - 19 Jul 2019 11:00 - John Abbott

- Related to Support #333: manual entry for "indent" added

##### #2 - 19 Jul 2019 11:02 - John Abbott

To me the example in the manual page for indent is too long: it occupies too many lines, so that the description scrolls up out of sight (not such a big problem in Emacs, but still inconvenient).

Can this be improved somehow?

##### #3 - 01 Oct 2019 14:47 - John Abbott

- Target version changed from CoCoA-5.3.0 to CoCoA-5.4.0

##### #4 - 04 Mar 2020 21:45 - John Abbott

- Status changed from New to In Progress

- % Done changed from 0 to 10

I have tried to improve the entry by changing the syntax. Previously it was **indent(X:OBJECT)**, but this meant that indent did not appear as a function applicable to LIST or IDEAL or RECORD.

So the syntax is now **indent(L:LIST)** or **indent(I:IDEAL)** or **indent(R:RECORD)**

I left OBJECT for the 2 arg version.

Hope this was a good idea.

##### #5 - 01 Dec 2020 12:08 - John Abbott

Maybe this should be a new issue? I was surprised at what indent did when given a module:

```

/**/ L := [x^3, x^2*y, x*y^2, y^3];
/**/ syz(L);
submodule(FreeModule(RingWithID(2, "QQ[x,y,z]"), 4), [[0, 0, y, -x], [0, y, -x, 0], [y, -x, 0, 0]])
/**/ indent(It);
SubmoduleRows(F, matrix([
    [0, 0, y, -x],
    [0, y, -x, 0],
    [y, -x, 0, 0]
]))

```

Is this really the behaviour that we want? (maybe)

#### #6 - 01 Dec 2020 12:13 - John Abbott

I am tempted to remove the example of using indent with 2 args: it occupies a lot of vertical space, but conveys little information. Is it unreasonable to let the user experiment to discover what the 2 arg version does?

#### #7 - 02 Mar 2021 08:47 - John Abbott

- Status changed from *In Progress* to *Resolved*
- Assignee set to *John Abbott*
- % Done changed from 10 to 80

I have removed the example of indent with 2 args; I really think it makes the manual page more readable. I have changed the name of the second arg to RecursionDepth (from N) so a user can reasonably guess what it does (and the description also says clearly).

#### #8 - 04 Mar 2021 17:20 - John Abbott

- Status changed from *Resolved* to *Feedback*
- % Done changed from 80 to 100
- Estimated time set to 1.23 h

#### #9 - 19 Mar 2021 12:43 - Anna Maria Bigatti

- Status changed from *Feedback* to *Closed*