

CoCoA-5 - Support #1498

Export many names or just one?

03 Oct 2020 17:51 - John Abbott

Status:	Closed	Start date:	03 Oct 2020
Priority:	Normal	Due date:	
Assignee:	John Abbott	% Done:	100%
Category:	Manual/documentation	Estimated time:	1.11 hour
Target version:	CoCoA-5.4.0	Spent time:	1.10 hour
Description			
The CoCoA manual says that export expects just a single name; the code will accept a comma-separated list. Change the manual or change the code?			
Related issues:			
Related to CoCoA-5 - Design #1495: Package exporting nothing?		Closed	02 Oct 2020

History

#1 - 03 Oct 2020 17:51 - John Abbott

- Related to Design #1495: Package exporting nothing? added

#2 - 06 Oct 2020 11:59 - John Abbott

- Status changed from New to In Progress

- % Done changed from 0 to 20

We have the habit of exporting a single name at a time, but I see no harm in allowing several names to be exported by one command. It seems to be just a question of stylistic preference.

So I suggest changing the manual.

#3 - 29 Oct 2020 13:21 - John Abbott

- % Done changed from 20 to 50

The relevant source code is in Parser.C from line 556 to 595.

It is surprisingly long; allowing just a single name after export would make it shorter (but that is not really so important).

#4 - 29 Oct 2020 13:49 - Anna Maria Bigatti

This is a marginal issue, but we have two contrasting things (and now we know it ;-), so we should make a decision.

1. we have complicated code that works, a shame removing it... but we need to maintain it!
2. we have a simple manual one "export" -- one function
3. if I look at a package, especially if not mine, I much prefer seeing the exported functions well visible in a column. So I'm against suggesting one can write them in a line ;-)

So my vote goes to simplifying the code.

... so John does it, instead of me ;-)

#5 - 30 Oct 2020 20:49 - John Abbott

- *Status changed from In Progress to Feedback*
- *Assignee set to John Abbott*
- *% Done changed from 50 to 90*

I have changed the impl so that only a single name after export is expected.
Amazingly it compiled first time, and it seems to work... well, CoCoA runs (after reading all the standard packages).

Checking in now.

#6 - 08 Jan 2021 11:23 - John Abbott

- *Status changed from Feedback to Closed*
- *% Done changed from 90 to 100*
- *Estimated time set to 1.11 h*