

CoCoA-5 - Support #208

describe \$package

11 Jul 2012 11:56 - Anna Maria Bigatti

Status:	Closed	Start date:	11 Jul 2012
Priority:	Normal	Due date:	
Assignee:	Anna Maria Bigatti	% Done:	100%
Category:	Parser/Interpreter	Estimated time:	2.00 hours
Target version:	CoCoA-5.1.0 Easter14	Spent time:	2.90 hours
Description			
Functions("\$binrepr"); from CoCoA-4 doesn't work and has been replaced by describe("\$binrepr"); (as the error message helpfully says) so - fix the manual - write the exported functions first and then the rest (should be easy...)			
Related issues:			
Related to CoCoA-5 - Feature #346: Describe should indicate package name		Closed	29 Apr 2013

History

#1 - 29 Apr 2013 09:03 - John Abbott

Why is the package called BinRepr but the main exports are called BinExp?

AMB: moved to [#354](#)

#2 - 18 Mar 2014 12:22 - John Abbott

The relevant source code is in Interpreter.C:233

```
void PackageValue::describe(intrusive_ptr<OutputStreamValue> out) const...
```

#3 - 18 Mar 2014 12:41 - John Abbott

- Status changed from New to In Progress

- % Done changed from 0 to 20

I think I've corrected the code so that exported names appear first.
Will check after lunch.

#4 - 18 Mar 2014 14:37 - John Abbott

- Status changed from In Progress to Resolved

- % Done changed from 20 to 60

The modified impl seems OK to me.

I have modified the CoCoA-5 doc too: Functions is now marked as **obsolete**;
describe hints at what it does for packages (I deliberately wanted to remain vague, since exactly what is printed might change in the future).

One thing did (does?) puzzle me: with package \$binrepr it seems that the two exported names (BinExp and EvalBinExp) did not appear in the list of member names; however, with package \$chebyshev the exported names appeared also in the list of member names. Why? Which is correct?

I have modified the code so that exported names are not listed along with the "also has" names... Strictly the code I've written is not quite correct :-/

#5 - 22 Mar 2014 22:22 - John Abbott

Anna could you check that this now does more or less what you want; if so, change state to feedback?

#6 - 02 Apr 2014 17:33 - Anna Maria Bigatti

- *Target version set to CoCoA-5.1.0 Easter14*

#7 - 17 Apr 2014 19:07 - John Abbott

Anna will check the manual!

#8 - 05 May 2014 12:37 - John Abbott

I suggest moving Functions (currently built-in!?) to the package obsolete.cpkg5

20140508 OK done this (after getting Anna's approval)

#9 - 06 May 2014 18:14 - John Abbott

- *Status changed from Resolved to Closed*

- *% Done changed from 60 to 100*

It seems OK now (Anna's happy too), so closing.