

CoCoA-5 - Support #251

How to add a test for CoCoA-5 (CoCoAInterpreter)

02 Oct 2012 09:10 - Anna Maria Bigatti

Status:	Closed	Start date:	02 Oct 2012
Priority:	Normal	Due date:	
Assignee:	Anna Maria Bigatti	% Done:	100%
Category:	Manual/documentation	Estimated time:	1.50 hour
Target version:	CoCoA-5.1.2 summer 2015	Spent time:	1.75 hour
<b>Description</b>  1. write a test file <b>foo.cocoa5</b> in <b>tests/</b> 2. run it and check if it really does what you want it to do ;-) 3. add <b>foo.cocoa5</b> in <b>tests/Makefile</b> (in the list TESTS= ...) 4. in <b>tests/</b> run (the first <b>make check</b> will obviously return an error)  <pre>make check mv foo.found foo.out make check</pre> See below for external libs			
<b>Related issues:</b> Related to CoCoA-5 - Feature #243: Normaliz tests for CoCoA5Closed28 Sep 2012 Related to CoCoA-5 - Support #286: How to test (automatically) a user defined...Closed11 Dec 2012 Related to CoCoA-5 - Feature #500: Interpreter: is it possible to avoid usele...Closed28 Mar 2014			

History

#1 - 02 Oct 2012 09:54 - Anna Maria Bigatti

**For external libraries:**  
same as above, but the test file has to be called, say for library **Foo**,  
**ExtLibFOO.cocoa5**

Such test is run only if the variable **HAVE\_FOO** is set to "yes" in **autoconf.mk**.  
  
If it isn't no test is run, because a different mechanism has to be used to automatically check "errors" in an easy way (still thinking ...)

#2 - 29 Nov 2012 08:21 - Anna Maria Bigatti

- Category set to Portability

#3 - 29 Nov 2012 08:22 - Anna Maria Bigatti

- Category deleted (Portability)

#4 - 23 Jan 2013 12:31 - Anna Maria Bigatti

- Category set to Manual/documentation

#5 - 02 Apr 2014 17:33 - Anna Maria Bigatti

- Target version set to CoCoA-5.1.0 Easter14

**#6 - 14 Apr 2014 09:19 - Anna Maria Bigatti**

- Estimated time set to 1.50 h

**#7 - 14 Apr 2014 11:02 - John Abbott**

JAA suggests as a general rule: try to avoid designing tests that produce much output (unless the test specifically checks some "output" function).

Why do I think this? Not entirely sure; but I definitely prefer "silent" tests(*e.g.* `TEST_ASSERT(fn(a,b) == c)`).

If a test is long, it might be worth printing out a little "progress report" every so often...?

**#8 - 05 May 2014 12:14 - John Abbott**

I have recently added a new C5 test (`exbugs.cocoa5`) and was surprised to find that it produces output. What happened was that the file was read using *input redirection* rather than being passed to C5 as a comand line argument; this means that every input line produced a prompt.

I suggest passing the file name as a cmd line arg to avoid this; doing so would make `exbugs.cocoa5` a "silent" test. This would then require modifying the expected output of all tests.

**#9 - 07 May 2014 14:13 - John Abbott**

- Target version changed from *CoCoA-5.1.0 Easter14* to *CoCoA-5.1.1 Seoul14*

**#10 - 11 Sep 2014 17:45 - John Abbott**

- Target version changed from *CoCoA-5.1.1 Seoul14* to *CoCoA-5.1.2 summer 2015*

**#11 - 29 Jul 2015 12:12 - Anna Maria Bigatti**

- Status changed from *Resolved* to *Closed*

- % Done changed from 90 to 100