

## CoCoA-5 - Feature #720

### External libs: specifying I/O streams (initialization?)

21 May 2015 17:53 - John Abbott

<b>Status:</b>	New	<b>Start date:</b>	21 May 2015
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	External Libs	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	CoCoA-5.?.?	<b>Spent time:</b>	0.20 hour
<b>Description</b>			
libnormaliz needs to be informed of two output streams: one for logging info (in "verbose" mode), the other for error messages.  Presumably other ext libs may have similar needs.			

### History

#### #1 - 22 May 2015 14:14 - John Abbott

CoCoAInterpreter works just fine because the default streams in libnormaliz are cout and/or cerr which is what CoCoAInterpreter uses.

The problem arises in the gui C5.

The real question is how to design something uniform which works with all ext libs. Maybe it is simpler just to start with an *ad hoc* solution, and then later seek a uniform approach for all ext libs?