CoCoA-5 - Design #1519

Interpreter fn Value::from can use std::move?

26 Oct 2020 09:54 - John Abbott

Status:	New	**Start date:**	26 Oct 2020
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:	enhancing/improving	**Estimated time:**	0.00 hour
Target version:	CoCoA-5.4.2	**Spent time:**	0.10 hour

Description

Investigate whether the template fn Value::from (see Interpreter.H around lines 1422--1442) can avoid copying by using std::move (at least, in some cases).

This will include devising some tests.

Related issues:

Related to CoCoA-5 - Bug #1514: Cocoa crashes when calling RingElems	**Closed**	**22 Oct 2020**
Related to CoCoALib - Design #1446: Start using C++14 "move" capability	**In Progress**	**12 Mar 2020**
Related to CoCoALib - Design #1225: Move to C++14 (skipping C++11)	**In Progress**	**06 Sep 2018**

History

#1 - 26 Oct 2020 09:54 - John Abbott

- Related to Bug #1514: Cocoa crashes when calling RingElems added

#2 - 26 Oct 2020 09:55 - John Abbott

- Related to Design #1446: Start using C++14 "move" capability added

#3 - 26 Oct 2020 09:55 - John Abbott

- Related to Design #1225: Move to C++14 (skipping C++11) added

#4 - 26 Oct 2020 10:10 - John Abbott

- Description updated

The template function for lists (of all sorts) is actually called LIST::LIST... mmm, is that a ctor?
It is defined starting on line 1433 of Interpreter.H

#5 - 03 Feb 2022 19:54 - John Abbott

- Target version changed from CoCoA-5.4.0 to CoCoA-5.4.2