

ApCoCoA - Design #1340

Interactive window and history mechanism

16 Oct 2019 14:39 - John Abbott

Status:	New	Start date:	16 Oct 2019
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.25 hour
Description			
Issue to summarise design of "interactive window" and its history mechanism. Also to report progress on implementation.			
Related issues:			
Related to ApCoCoA - Feature #1328: New ApCoCoA UI			New 07 Oct 2019

History

#1 - 16 Oct 2019 14:39 - John Abbott

- Related to Feature #1328: New ApCoCoA UI added

#2 - 16 Oct 2019 14:45 - John Abbott

There is a **single** interactive window.  
**Q:** Martin can you confirm this?

The user types input into a blank "new page", and then sends the entire page to the execution/output window.  
The input window then presents a new empty page to the user.  
If the interactive page is empty then nothing is sent to ApCoCoA. Should the page be cleared out?

**Q:** Is the input which has been sent echoed in the output window? Ask Martin.

After a (non-empty) page has been sent to ApCoCoA, that page is also stored in a sequential history of pages sent.  
Pages from the history may be brought into the current input page; the history pages can be "browsed" in a circular manner (i.e. there is a way to go to "previous" history page, and "next"; from the current interactive window "next" refers to the first saved page). Be careful about an empty history ring.

**Q:** any input that was in the current input page is lost when a page from the history is recalled.

**Q:** When a page is recalled from the history and then sent as "new" input, is another copy stored as the last page in the history?

**Q:** if another copy is not stored, is the sequential order in the history ring changed?

**Q:** If a new copy of a page recalled from the history is not appended to the history, what happens when a user recalls a page from the history and modifies it before sending it for execution to ApCoCoA?

**NOTE** an "empty page" means one which contains just whitespace (spaces, tabs, newlines)