

Neuchâtel Sprint (25.08. - 27.08.2014)

Day 1

(Minor fixes on tracing to not turn inevitable all the time.)

New Model, or **C8** (not stop-the-world commit)

	STM	GC	Page Management
Read Barrier	* add to read-set (mark as read)		
Write Barrier	* add to read- & write-set * make a backup copy of the obj		* privatise page * make page PROT_NONE in other segments
Commit Transaction	* atomically Validate() and if OK: append write-set as an element to the commit-log	* minor GC * discard backup copies	
Major GC			* re-share pages where possible
SegFault			* make PROT_READWRITE * make sure everything is up to date: Validate()
Validate	* move down from last known commit in the commit-log, updating objs that were written and checking that they are not in the read-set		* make page PROT_RW again when updating

