

Synergia2 - Bug #7689

lattice_simulator.update() leaks memory when the underlying lattice is from a madX file

01/28/2015 07:09 AM - Eric Stern

Status: Closed	Start date: 01/28/2015
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version:	
Description repeatedly call stepper.get_lattice_simulator().update() with lattice generated by reading fodo.lat => no memory leak repeatedly call stepper.get_lattice_simulator().update() with lattice generated by reading fodo.madx => memory leak	

History

#1 - 01/28/2015 04:07 PM - Eric Stern

The problem occurs with quadrupoles and the yoshida propagator. There is no memory leak when the propagator_type is set to basic.

#2 - 04/07/2015 05:05 PM - Eric Stern

- Status changed from New to Resolved

The problem was resolved by CHEF commit:

commit:3d51ff75f5c1150fbc048c5a1ffe7ea4571f319

```
BUG FIX: memory leak. Removed BmlPtr my_beamline_ptr_ from private data ...
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Removed BmlPtr my_beamline_ptr_ from YoshidaPropagator's  
private data. Combined with lack of virtual destructors  
for base propagators, it resulted in a memory leak.  
(cherry picked from commit 91c7b1c7f9fa678f0521fd5557d6ba54f0c7a7c3)  
(cherry picked from commit b906dfcd7a68418d67646df2007986798ba5ec6c)
```

#3 - 04/07/2015 05:06 PM - Eric Stern

- Status changed from Resolved to Closed