# Mulgara - Bug #46

## Track down and resolve Lost-Phase Tokens

02/26/2007 03:52 AM - Andrae Muys -

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|---|---|---|---|
| **Status:** | Closed | **Start date:** | |
| **Priority:** | Normal | **Due date:** | |
| **Assignee:** | Andrae Muys - | **% Done:** | 0% |
| **Category:** | Mulgara | **Estimated time:** | 0.00 hour |
| **Target version:** | | | |
| **Resolution:** | fixed | | |

**Description**

Lost-phase tokens lead to resource leaks – as an ongoing concern we need to track down and resolve any lost-phase tokens noticed in the course of normal execution.
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Lost-phase tokens are the result of Tuples objects not being closed properly – this is generally due to a call to clone() without a subsequent call to close() on *both* tuples.
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Tracking this down is then a case of figuring out where the guilty tuples object was created, and then identifying where it should have been closed.

**History**

**#1 - 04/18/2007 05:07 AM - Andrae Muys -**

Fixed in branches/lostphasetokens revision <a href="http://mulgara.org/trac/changeset/220">220</a>.
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Merged into trunk/ in revision <a href="http://mulgara.org/trac/changeset/233">233</a>