

## MAUS - Bug #1183

### Segmentation violation, when input is JSON with JobHeader or RunHeader, and output is ROOT format

04 December 2012 12:01 - Taylor, Ian

<b>Status:</b>	Open	<b>Start date:</b>	04 December 2012
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Rogers, Chris	<b>% Done:</b>	0%
<b>Category:</b>	common_cpp	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Future MAUS release		
<b>Workflow:</b>	New Issue		

#### Description

The code fails when I try and process an input JSON file with ROOT output. Specifically, it fails at Write time, when it attempts to write the JobHeader or RunHeader from the input file.

If I remove the offending lines from the input JSON, then it runs okay. This was tested with the current trunk.

I have attached two scripts and two datacards, which will reproduce the problem with minimal effort.

#### History

##### #1 - 14 February 2013 13:33 - Dobbs, Adam

I see something similar. When I attempt to modify events in order to 'fake' multiple particles per event, either by directly editing the JSON, or through the C++ classes, I see a segmentation fault which seems to be caused by the Job Header.

##### #2 - 19 June 2014 14:18 - Rogers, Chris

- File *valgrind.log* added

I ran

```
valgrind python run_1.py --configuration_file datacard_1 >& valgrind.log
```

and got attached output. I think this is what I was supposed to do to reproduce this bug? Anyway, I don't see any issue. Is this still relevant?

#### Files

run_1.py	1.98 KB	04 December 2012	Taylor, Ian
datacard_1	3.84 KB	04 December 2012	Taylor, Ian
run_2.py	1.14 KB	04 December 2012	Taylor, Ian
datacard_2	1.56 KB	04 December 2012	Taylor, Ian
valgrind.log	503 KB	19 June 2014	Rogers, Chris