

## PyCAMA - Bug #32511

### use of coregistration package in loop crashes without warning ("terminated")

08/19/2021 11:24 AM - Jos de Laat

<b>Status:</b>	New	<b>Start date:</b>	08/19/2021
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Maarten Sneep	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	PyCAMA 1.0		
<b>Description</b>			
<p>I have managed to get the PyCama coregistration package running to use for comparison of S5P data with different spatial resolution (esp UV/VIS and SWIR).</p> <p>If I continuously call that package (loop over orbits and time) the python script crashes at some point with only a "terminated" warning.</p> <p>The problem is more or less but not perfectly reproducible, typically happens after just over 400 iterations for the code example linked below (which means producing the crash takes some time). Might have something to do with memory, but use of gc.collect() and changing limits (ulimit -s unlimited) did not solve the issue.</p> <p>Minimal code:</p> <pre>~laatdej/Documents/TROPOMI/SEN4FIRE/test.coregistration.bug.py</pre>			