

## GammaLib - Bug #1505

### GMatrix division operator doesn't work in Python 3

07/03/2015 05:57 PM - Deil Christoph

<b>Status:</b>	Closed	<b>Start date:</b>	07/03/2015
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assigned To:</b>	Knödlseider Jürgen	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.3.0		
<b>Description</b>			
<p>This example is broken on Python 3:</p> <pre>\$ python gammalib/examples/python/matrix_howto.py ...</pre> <p>Traceback (most recent call last): File "matrix_howto.py", line 181, in &lt;module&gt;     handle_matrix() File "matrix_howto.py", line 90, in handle_matrix     other_matrix /= 2.0          # Divide elements by 2 TypeError: unsupported operand type(s) for /=: 'GMatrix' and 'float'</p> <p>The solution is to add division operators in the Swig Python wrapper for GMatrix. I tried copying and adapting the methods from GModelSky, but it first didn't work (same error) and then I got a segfault. So I'm just reporting the error here.</p> <p>This needs to be implemented for every class that has division operator, and Python 2 / 3 tests should be added to CI to make sure it works.</p>			

#### History

##### #1 - 07/03/2015 05:57 PM - Deil Christoph

- Subject changed from *Division operator doesn't work in Python 3* to *GMatrix division operator doesn't work in Python 3*

##### #2 - 10/06/2016 05:00 PM - Knödlseider Jürgen

- Target version set to 1.2.0

##### #3 - 03/03/2017 10:13 AM - Knödlseider Jürgen

- Target version changed from 1.2.0 to 1.3.0

##### #4 - 06/06/2017 11:06 PM - Knödlseider Jürgen

- Status changed from *New* to *Closed*

- Assigned To set to *Knödlseider Jürgen*

- % Done changed from 0 to 100

Division operators have been added since a while, but for some reason the issue was kept open. Close now.