

## GammaLib - Action #727

Feature # 725 (New): Allow for instrument dependent model scaling

### Add global instrument scaling.

01/31/2013 05:31 PM - Knödseder Jürgen

<b>Status:</b>	New	<b>Start date:</b>	01/31/2013
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>	Knödseder Jürgen	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	10.00 hours
<b>Target version:</b>			
<b>Description</b>			

### History

#### #1 - 02/05/2013 05:19 PM - Knödseder Jürgen

The global instrument scaling should follow the syntax used for model dependent scaling (see #726), with the difference that the scaling factors should not be set within a source tag, i.e.

```
<source name="1FGL J0005.7+3815" type="PointSource">
  <spectrum type="PowerLaw">
    <parameter scale="1e-07" name="Prefactor" min="1e-07" max="1000.0" value="1.73" free="1"/>
    <parameter scale="1.0" name="Index" min="-5.0" max="+5.0" value="-2.1" free="1"/>
    <parameter scale="1.0" name="Scale" min="10.0" max="1000000.0" value="100.0" free="0"/>
  </spectrum>
  <spatialModel type="SkyDirFunction">
    <parameter free="0" max="360" min="-360" name="RA" scale="1" value="83.6331" />
    <parameter free="0" max="90" min="-90" name="DEC" scale="1" value="22.0145" />
  </spatialModel>
</source>
<scaling>
  <instrument name="LAT" scale="1.0" min="0.1" max="10.0" value="1.0" free="1"/>
  <instrument name="CTA" scale="1.0" min="0.1" max="10.0" value="0.5" free="1"/>
</scaling>
```

#### #2 - 12/10/2013 12:18 AM - Knödseder Jürgen

- Target version deleted (00-08-00)