

ctools - Support #1716

converting by python code

02/26/2016 04:05 AM - Dang Viet Tan

<b>Status:</b>	Closed	<b>Start date:</b>	02/26/2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>	Knödseder Jürgen	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b> Dear the system admin  Hi, my name is Tan. I have a question. Can it possible to convert a CEL coordinate value to GAL coordinate value by python code? If possible, how can I use it?  Thank you for reading me. Tan			

History

#1 - 02/26/2016 09:32 AM - Knödseder Jürgen

- Status changed from New to Feedback
- Assigned To set to Knödseder Jürgen

The answer is yes.

See <http://cta.irap.omp.eu/gammalib/howto/sky.html#how-to-convert-sky-map-projections>. Just replace the HEALPix map in the example by a WCS CEL map.

#2 - 02/26/2016 09:42 AM - Knödseder Jürgen

I recognized that this does maybe not answer your question, as you were asking about coordinates, not maps. Here is how to do this with coordinates:

```
dir=gammalib.GSkyDir()
dir.radec_deg(83.63,22.01)
l=dir.l_deg()
b=dir.b_deg()
print(l,b)
```

#3 - 02/26/2016 09:42 AM - Knödseder Jürgen

- % Done changed from 0 to 100

**#4 - 02/26/2016 10:48 AM - Mayer Michael**

Maybe we should add a respective section in the documentation?

**#5 - 02/26/2016 12:15 PM - Knödlseider Jürgen**

user#77 wrote:

Maybe we should add a respective section in the documentation?

Did this already this morning ;-)

**#6 - 03/03/2016 05:55 PM - Knödlseider Jürgen**

- *Status changed from Feedback to Closed*