

## Exiv2 - Feature #1190

### Support for CRS and CRSS XMP namespace and properties

06 Jun 2016 16:25 - Alan Pater

<b>Status:</b>	Closed	<b>Start date:</b>	06 Jun 2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Alan Pater	<b>% Done:</b>	100%
<b>Category:</b>	xmp	<b>Estimated time:</b>	6.00 hours
<b>Target version:</b>	0.26		

**Description**

Adobe applications use XMP sidecar files to store raw image processing data in the nested XMP namespaces of CRS and CRSS. It would be useful for exiv2 to provide read/write support for these properties by default, enabling applications which use the exiv2 library to access the data for imported raw files.

This came up as a question on the pixls.us forum,  
<https://discuss.pixls.us/t/xmp-sidecar-files/1423/>

These properties are supported in exiftool.  
<http://www.sno.phy.queensu.ca/~phil/exiftool/TagNames/XMP.html#crs>

#### Associated revisions

##### Revision 4332 - 15 Jun 2016 21:15 - Alan Pater

#1190 Add crss XMP namespace and properties

##### Revision 4336 - 19 Jun 2016 15:28 - Alan Pater

#1190 additional CRS properties from Darktable & Exiftool

##### Revision 4337 - 19 Jun 2016 19:13 - Alan Pater

#1190 nested CRS properties from Darktable & Exiftool

#### History

##### #1 - 07 Jun 2016 16:57 - Alan Pater

Darktable has some limited support for working with this data.

<https://www.darktable.org/2013/02/importing-lightroom-development/>

<https://github.com/darktable-org/darktable/blob/master/src/develop/lightroom.c>

##### #2 - 08 Jun 2016 20:01 - Alan Pater

The XMP spec does include some of the CRS properties, and these are already supported in exiv2.

<http://www.exiv2.org/tags-xmp-crs.html>

##### #3 - 13 Jun 2016 06:09 - Robin Mills

- Target version changed from 0.26 to 0.28

Alan

I'm moving this issue to v0.27. I really must close v0.26 by the end of June. If you submit fixes for this to the trunk in June, it can ship in v0.26. I have a lot of domestic/family activity scheduled for July and August.

##### #4 - 19 Jun 2016 19:53 - Alan Pater

- Status changed from New to Assigned

- Target version changed from 0.28 to 0.26

- % Done changed from 0 to 90

90% complete. I'll make the final checks over the next 24 hours.

**#5 - 20 Jun 2016 18:03 - Alan Pater**

- *Status changed from Assigned to Resolved*
- *% Done changed from 90 to 100*
- *Estimated time changed from 20.00 h to 6.00 h*

Looks good, marking complete. :-)

**#6 - 23 Jun 2016 12:28 - Alan Pater**

- *Status changed from Resolved to Closed*