

Exiv2 - Bug #1371

Unable to set Exif.Image.XResolution for Tiff Files

05 Oct 2018 19:58 - Robin Mills

Status:	Assigned	Start date:	05 Oct 2018
Priority:	Normal	Due date:	
Assignee:	Robin Mills	% Done:	10%
Category:	tiff parser	Estimated time:	3.00 hours
Target version:	0.28		
Description			
See https://github.com/Exiv2/exiv2/issues/463			
This works for JPG:			
<pre>552 rmills@rmillssmbp:~/gnu/github/exiv2/exiv2 \$ curl -O --silent http://clanmills.com/Stonehenge.jpg 553 rmills@rmillssmbp:~/gnu/github/exiv2/exiv2 \$ exiv2 -pa --grep XResolution Stonehenge.jpg Exif.Image.XResolution Rational 1 300 Exif.Thumbnail.XResolution Rational 1 300 554 rmills@rmillssmbp:~/gnu/github/exiv2/exiv2 \$ exiv2 -M'set Exif.Image.XResolution Long 500' Stonehenge.jpg 555 rmills@rmillssmbp:~/gnu/github/exiv2/exiv2 \$ exiv2 -pa --grep XResolution Stonehenge.jpg Exif.Image.XResolution Long 1 500 Exif.Thumbnail.XResolution Rational 1 300 556 rmills@rmillssmbp:~/gnu/github/exiv2/exiv2 \$</pre>			
Not working for tiff:			
<pre>556 rmills@rmillssmbp:~/gnu/github/exiv2/exiv2 \$ cp test/data/Reagan.tiff . 557 rmills@rmillssmbp:~/gnu/github/exiv2/exiv2 \$ exiv2 -pa --grep XResolution Reagan.tiff Exif.Image.XResolution Rational 1 300 558 rmills@rmillssmbp:~/gnu/github/exiv2/exiv2 \$ exiv2 -M'set Exif.Image.XResolution Long 500' Reagan.tiff 559 rmills@rmillssmbp:~/gnu/github/exiv2/exiv2 \$ exiv2 -pa --grep XResolution Reagan.tiff Exif.Image.XResolution Rational 1 300 560 rmills@rmillssmbp:~/gnu/github/exiv2/exiv2 \$</pre>			
Comment off Exif.Image.XResolution in src/tiffimage_int.cpp #1831			
<pre>579 rmills@rmillssmbp:~/gnu/github/exiv2/exiv2/build \$ cp ../test/data/Reagan.tiff . 580 rmills@rmillssmbp:~/gnu/github/exiv2/exiv2/build \$ bin/exiv2 -pa --grep XResolution Reagan.tiff Exif.Image.XResolution Rational 1 300 581 rmills@rmillssmbp:~/gnu/github/exiv2/exiv2/build \$ bin/exiv2 -M'set Exif.Image.XResolution Long 500' Reagan.tiff 582 rmills@rmillssmbp:~/gnu/github/exiv2/exiv2/build \$ bin/exiv2 -pa --grep XResolution Reagan.tiff Exif.Image.XResolution Long 1 500 583 rmills@rmillssmbp:~/gnu/github/exiv2/exiv2/build \$ del ../Reagan.tiff 584 rmills@rmillssmbp:~/gnu/github/exiv2/exiv2/build \$</pre>			