QGIS Application - Bug report #15678
QGIS does not read georeferencing information from jpeg files

2016-10-07 07:51 AM - Christoph Paulik

Status:	Closed			
Priority:	Normal			
Assignee:				
Category:	Unknown			
Affected QGIS version:	2.16.3	**Regression?:**	No	
Operating System:	Linux	**Easy fix?:**	No	
Pull Request or Patch supplied:		**Resolution:**	end of life	
Crashes QGIS or corrupts data:		**Copied to github as #:**	23601	

Description

Georeferencing of JPEG files is supported in GDAL but QGIS ignores the information and asks for georeferencing information when loading the file.
Tested with QGIS 2.12 and 2.16.

See the attached file for an example.

gdalinfo test.jpeg gives the following output:

```
Driver: JPEG/JPEG JFIF
Files: test.jpeg
       test.jpeg.aux.xml
Size is 1000, 1000
Coordinate System is:
PROJCS["Azimuthal_Equidistant",
    GEOGCS["WGS 84",
        DATUM["WGS_1984",
            SPHEROID["WGS 84",6378137,298.257223563,
                AUTHORITY["EPSG","7030"]],
            AUTHORITY["EPSG","6326"]],
        PRIMEM["Greenwich",0],
        UNIT["degree",0.0174532925199433],
        AUTHORITY["EPSG","4326"]],
    PROJECTION["Azimuthal_Equidistant"],
    PARAMETER["latitude_of_center",53],
    PARAMETER["longitude_of_center",24],
    PARAMETER["false_easting",5837287.81977],
    PARAMETER["false_northing",2121415.69617],
    UNIT["metre",1,
        AUTHORITY["EPSG","9001"]]]
Origin = (4000000.000000000000000,2300000.000000000000000)
Pixel Size = (100.000000000000000,-100.000000000000000)
Metadata:
  AREA_OR_POINT=Area
  band1_RED=M20151201_20160229_SMENSIG0-_S1AIWGRDH1VH-_---_C0401_EU010M_E040N022T1, thr_min:-2200.0,
  thr_max:-1200.0
  band2_GREEN=M20150601_20150831_SMENSIG0-_S1AIWGRDH1VH-_---_C0401_EU010M_E040N022T1,
  thr_min:-2200.0, thr_max:-1200.0
  band3_BLUE=r/g
  band_name=S-COMP001
```

```
  ID=TUW_C0501
  log-file=C05_1000_jobfile_C0501_log_20161003_160256.xml
  Parent_tile_path=D:\\__working_dir\\2016-05-23_sgrt_workflow
for_s1_composites\\output\\Sentinel-1_CSAR\\IWGRDH\\products\\datasets\\tcomposites\\C0401\\EQUI7_EU010M\\E040N022T1 Proces
1
  Processing_time=2016-10-03 16:03:00
Image Structure Metadata:
  COMPRESSION=JPEG
  INTERLEAVE=PIXEL
  SOURCE_COLOR_SPACE=YCbCr
Corner Coordinates:
Upper Left  ( 4000000.000, 2300000.000) (  3d 3'37.22"W, 51d27'11.64"N)
Lower Left  ( 4000000.000, 2200000.000) (  2d32'55.56"W, 50d37'38.82"N)
Upper Right ( 4100000.000, 2300000.000) (  1d42'43.93"W, 51d46'28.20"N)
Lower Right ( 4100000.000, 2200000.000) (  1d13'13.19"W, 50d56'30.61"N)
Center      ( 4050000.000, 2250000.000) (  2d 8' 5.88"W, 51d12' 5.57"N)
Band 1 Block=1000x1 Type=Byte, ColorInterp=Red
  NoData Value=-9999
  Overviews: 500x500, 250x250
  Image Structure Metadata:
    COMPRESSION=JPEG
Band 2 Block=1000x1 Type=Byte, ColorInterp=Green
  NoData Value=-9999
  Overviews: 500x500, 250x250
  Image Structure Metadata:
    COMPRESSION=JPEG
Band 3 Block=1000x1 Type=Byte, ColorInterp=Blue
  NoData Value=-9999
  Overviews: 500x500, 250x250
  Image Structure Metadata:
    COMPRESSION=JPEG


```
```

History

#1 - 2017-05-01 01:02 AM - Giovanni Manghi

- Easy fix? set to No

- Regression? set to No

#2 - 2017-09-22 09:55 AM - Jürgen Fischer

- Category set to Unknown

#3 - 2019-03-09 03:08 PM - Giovanni Manghi

- Resolution set to end of life

- Status changed from Open to Closed

End of life notice: QGIS 2.18 LTR

Source:

http://blog.qgis.org/2019/03/09/end-of-life-notice-qgis-2-18-ltr/

QGIS 3.4 has recently become our new Long Term Release (LTR) version. This is a major step in our history – a long term release version based on the massive updates, library upgrades and improvements that we carried out in the course of the 2.x to 3x upgrade cycle.

We strongly encourage all users who are currently using QGIS 2.18 LTR as their preferred QGIS release to migrate to QGIS 3.4. This new LTR version will receive regular bugfixes for at least one year. It also includes hundreds of new functions, usability improvements, bugfixes, and other goodies. See the relevant changelogs for a good sampling of all the new features that have gone into version 3.4

Most plugins have been either migrated or incorporated into the core QGIS code base.

We strongly discourage the continued use of QGIS 2.18 LTR as it is now officially unsupported, which means we'll not provide any bug fix releases for it.

You should also note that we intend to close all bug tickets referring to the now obsolete LTR version. Original reporters will receive a notification of the ticket closure and are encouraged to check whether the issue persists in the new LTR, **in which case they should reopen the ticket**.

If you would like to better understand the QGIS release roadmap, check out our roadmap page! It outlines the schedule for upcoming releases and will help you plan your deployment of QGIS into an operational environment.

The development of QGIS 3.4 LTR has been made possible by the work of hundreds of volunteers, by the investments of companies, professionals, and administrations, and by continuous donations and financial support from many of you. We sincerely thank you all and encourage you to collaborate and support the project even more, for the long term improvement and sustainability of the QGIS project.