

QGIS Application - Bug report #3461

slow image load visualization for tfw with rotation parameters

2011-02-01 09:17 AM - Luca Lanteri

Status:	Closed	
Priority:	Low	
Assignee:	nobody -	
Category:	Build/Install	
Affected QGIS version:		Regression?: No
Operating System:	All	Easy fix?: No
Pull Request or Patch supplied:		Resolution: duplicate
Crashes QGIS or corrupts data:		Copied to github as #: 13521
Description		
When I try to load or visualize raster ortophoto (about 120 Mb) with rotation parameter in the header file (tfw) qgis is freezing for 40-50 sec. I have to wait the same time for every pan/refresh operation. If the rotation parameters is set to zero the image is loaded just in few second. The same raster (with rotation parameters) works fine with others GIS application, as udig for example. The italian list suggest me to open a ticket. I can't attach the image due to size limit but I think the problem is the same with all image This is the [[GeoTIFF]] info: Driver: GTiff/GeoTIFF Files: 0021_00211001_rgb.tif Size is 7680, 13824 Coordinate System is: PROJCS["WGS 84 / UTM zone 32N", GEOGCS["WGS 84", DATUM["WGS_1984", SPHEROID["WGS 84",6378137,298.257223563, AUTHORITY["EPSG""7030"]], AUTHORITY["EPSG""6326"]], PRIMEM["Greenwich"], UNIT["degree"], AUTHORITY["EPSG""4326"]], PROJECTION["Transverse_Mercator"], PARAMETER["latitude_of_origin"], PARAMETER["central_meridian"], PARAMETER["scale_factor"], PARAMETER["false_easting"], PARAMETER["false_northing"], UNIT["metre",1, AUTHORITY["EPSG""9001"]], AUTHORITY["EPSG""32632"]] [[GeoTransform]] = 32339334.7755, 0.249, 0.018 5003594.055500001, 0.018, -0.249 Metadata: EXIF_BitsPerSample=16 16 16 EXIF_Compression=1 EXIF_PhotometricInterpretation=2		

EXIF_Orientation=1
EXIF_SamplesPerPixel=3
EXIF_XResolution=(833.333)
EXIF_YResolution=(833.333)
EXIF_PlanarConfiguration=1
EXIF_ResolutionUnit=3
EXIF_Software=Adobe Photoshop CS2 Windows
EXIF_DateTime=2008:10:16 08:59:35
EXIF_ColorSpace=65535
EXIF_PixelXDimension=7680
EXIF_PixelYDimension=13824
AREA_OR_POINT=Area
Image Structure Metadata:
COMPRESSION=DEFLATE
INTERLEAVE=PIXEL
Corner Coordinates:
Upper Left (32339334.776, 5003594.056) (129d24'8.65"W,Invalid angle)
Lower Left (32339583.608, 5000151.880) (78d11'7.42"W,Invalid angle)
Upper Right (32341247.096, 5003732.296) (68d14'50.72"W,Invalid angle)
Lower Right (32341495.928, 5000290.120) (6d30'39.61"W,Invalid angle)
Center (32340415.352, 5001942.088) (120d44'35.31"E,Invalid angle)
Band 1 Block=256x256 Type=Byte, [[ColorInterp]]=Red
Overviews: 3840x6912, 1920x3456, 960x1728, 480x864
Band 2 Block=256x256 Type=Byte, [[ColorInterp]]=Green
Overviews: 3840x6912, 1920x3456, 960x1728, 480x864
Band 3 Block=256x256 Type=Byte, [[ColorInterp]]=Blue
Overviews: 3840x6912, 1920x3456, 960x1728, 480x864

History

#1 - 2011-03-02 08:51 AM - Paolo Cavallini

- Resolution set to duplicate
- Status changed from Open to Closed