
Subject: Re: Issue loading TIFF images with plugin/TIF

Posted by [Tom1](#) on Tue, 17 Jan 2023 09:56:18 GMT

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Hi,

There is another issue reading the following TIFF image with plugin/TIF using e.g. examples/ImageView:

<https://www.marinha.mil.br/chm/sites/www.marinha.mil.br.chm/files/geotiff/1511geotiff.zip>

A large area in the center of the image gets black. (E.g. Windows built-in photo viewer shows the image correctly.)

This can be fixed in tifupp.cpp FetchPage():

```
...
bool TIFRaster::Data::FetchPage()
{
    if(page_error)
        return false;
    if(page_fetched)
        return true;

    cache_size = 0;
    rows.Clear();
    int64 bytes = row_bytes * (int64)height;
    /* if(bytes >= 1 << 28) {    // << Commenting this out fixes the issue with 1511geotiff.tif
        tmpfile = GetTempFileName();
        if(!filebuffer.Open(tmpfile, FileStream::CREATE)) {
            page_error = true;
            return false;
        }
        filebuffer.SetSize(bytes);
        if(filebuffer.IsError()) {
            filebuffer.Close();
            FileDelete(tmpfile);
            page_error = true;
            return false;
        }
        rows.Alloc(size.cy);
    }
    else
        */ imagebuf.SetCount(size.cy * row_bytes, 0);
    ...
```

However, I think there is (or has been) some reason to use tmpfile for big images...

Best regards,

Tom
