Subject: GDAL status
Posted by Tom1 on Tue, 10 Jan 2023 14:58:27 GMT
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Hi,

I have been using GDAL for quite some time. Several years ago I switched from GDAL source distribution to using U++ package plugin/gdal. This was a great improvement. I also managed to enable support for some file formats not initially supported. After some time I even upgraded the GDAL source code to version 2.4.4. However, now I tried to upgrade the source tree to gdal-3.6.2, but missing dependencies and other complications are becoming overwhelming for me to solve. Are there any plans to upgrade the current UppHub package for plugin/gdal?

As an alternative, I'm looking at using gdal 2.4.4 package as is and just create U++ package for latest geotiff and bind to latest libtiff 4.5.0. However, it is not clear to me how should I proceed in a smart way to avoid any trouble.

Any suggestions?

Best regards,

Tom

Subject: Re: GDAL status
Posted by mirek on Sat, 14 Jan 2023 12:22:22 GMT
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Tom1 wrote on Tue, 10 January 2023 15:58Hi,

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As an alternative, I'm looking at using gdal 2.4.4 package as is and just create U++ package for latest geotiff and bind to latest libtiff 4.5.0. However, it is not clear to me how should I proceed in a smart way to avoid any trouble.

Any suggestions?

Best regards,

Tom

If I remember well, the problem with gdal is that they have added dependency on sqlite and external database. Which completly destroys it for our (now speaking about my paying job) purposes. Therefore I decided to stick with obsolete version...

Mirek

Subject: Re: GDAL status
Posted by Tom1 on Sat, 14 Jan 2023 23:10:26 GMT
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Hi Mirek,

OK, I see. (I can send you my modified plugin/GDAL with GDAL 2.4.4 if you like, but it's getting old too. I'm also using some OGR parts for vector formats.)

As for the future, I wonder if we could push the plugin/TIF a bit further with GeoTIFFs... Here's my recent post about it:

 https://www.ultimatepp.org/forums/index.php?t=msg&th=120 07&goto=59517&#msg_59517

And maybe also upgrade it to using latest libtiff (4.5.0)?

Best regards,

Tom

Subject: Re: GDAL status
Posted by deep on Sun, 04 May 2025 04:47:06 GMT
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Hi Tom

Is it possible to provide example for vector file reading with gdal

DXF or any other vector format.

Tom1 wrote on Sun, 15 January 2023 04:40 Hi Mirek,

 I'm also using some OGR parts for vector formats.)

Tom

I have made some working code to read DXF file using direct gdal (not plugin/gdal).

Attached example code with dxf file.

to compile gdal install required

apt install libgdal-dev

File Attachments
1) DXF_Gdal.tar.bz2, downloaded 140 times