QGIS Application - Bug report #15339
Warp tool requires CRS of extent when no extent set

2016-07-25 11:16 AM - Evan Derickson

Status:	Closed		
Priority:	High		
Assignee:	Giovanni Manghi		
Category:	Processing/GDAL		
Affected QGIS version:	2.18.7	**Regression?:**	Yes
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:	No	**Resolution:**	fixed/implemented
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	23271

Description

Since updating to QGIS 2.16 in Ubuntu, there is a new field: CRS of raster extent. This field is mandatory even when no extent is specified. Specifying a CRS in this field, for example the same CRS as the Destination CRS, creates a -te value in the GDAL command.

When the raster extent field is blank, the Extent CRS should not be required, and no -te flag should be included in the gdalwarp command.

Related issues:

Duplicated by QGIS Application - Bug report # 16293: gdalwarp issues with the...	**Closed**	**2017-03-06**
Duplicated by QGIS Application - Bug report # 16519: Processing: error when t...	**Rejected**	**2017-05-04**

Associated revisions

Revision 8884e597 - 2017-05-10 06:15 PM - Alexander Bruy

[processing] don't apply -te and -te_srs if not requested (fix #15339)

History

#1 - 2016-07-27 10:38 AM - Giovanni Manghi

- Assignee changed from Victor Olaya to Giovanni Manghi

#2 - 2016-09-16 03:49 AM - Alexander Bruy

- Status changed from Open to Closed

- Resolution set to fixed/implemented

Should be fixed in master

#3 - 2017-03-26 01:23 PM - Evan Derickson

- File CRS_extent.png added

- Status changed from Closed to Reopened

As of 2.18.5, the GDAL warp tool will always add a -te parameter to the gdalwarp command, no matter if the user inputs something to the extent field. If the user does not select a CRS for the extent, the tool will fail with the message:

```
ERROR 1: Attempt to create 0x0 dataset is illegal,sizes must be larger than zero.
Creating output file that is 0P x 0L.
```

The user must still designate an extent CRS to proceed. I would therefore still consider this bug still open, though its nature has changed.

#4 - 2017-03-26 01:25 PM - Giovanni Manghi

- Resolution deleted (fixed/implemented)

> *The user must still designate an extent CRS to proceed. I would therefore still consider this bug still open, though its nature has changed.*

agree, I must address this -te parameter.

#5 - 2017-05-01 01:02 AM - Giovanni Manghi

- Regression? set to No

- Easy fix? set to No

#6 - 2017-05-03 09:33 AM - Alexander Bruy

- Duplicated by Bug report #16293: gdalwarp issues with the "te" parameter added

#7 - 2017-05-03 09:33 AM - Alexander Bruy

- Description updated

- Priority changed from Normal to High

#8 - 2017-05-03 11:18 AM - Giovanni Manghi

- Regression? changed from No to Yes

#9 - 2017-05-05 09:51 AM - Alexander Bruy

- Duplicated by Bug report #16519: Processing: error when to trying to reproject layer added

#10 - 2017-05-05 11:05 AM - Giovanni Manghi

- Affected QGIS version changed from 2.16.0 to 2.18.7

- Status changed from Reopened to Open

#11 - 2017-05-10 03:01 PM - Alexander Bruy

- Status changed from Open to Closed

- Resolution set to fixed/implemented

Fixed in abc74b42624cc3815e4338111a5d1214d5420bda

Files

GDALwarp_bug_annotated.png	70.2 KB	2016-07-25	Evan Derickson
GDALwarp_bug_2_annotated.png	91.6 KB	2016-07-25	Evan Derickson
CRS_extent.png	60.8 KB	2017-03-26	Evan Derickson