

QGIS Application - Bug report #845

Problem with large attribute tables

2007-12-01 03:42 PM - Otto Dassau

<b>Status:</b>	Closed	
<b>Priority:</b>	Low	
<b>Assignee:</b>	Marco Hugentobler	
<b>Category:</b>		
<b>Affected QGIS version:</b>		<b>Regression?:</b> No
<b>Operating System:</b> Debian		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>		<b>Resolution:</b> fixed
<b>Crashes QGIS or corrupts data:</b>		<b>Copied to github as #:</b> 10904
<b>Description</b>		
<p>Hi,</p> <p>I tried to open the database table of a very large shape file.</p> <p>dbf -&gt; 770 MB shp -&gt; 384 MB shx -&gt; 7 MB</p> <p>Loading and visualizing the file works fine, although it takes some minutes, but opening the attribute table fails.</p> <p>The error message is:</p> <p>QlconvCodec::convertToUnicode: using ASCII for conversion, iconv_open failed terminate called after throwing an instance of 'std::bad_alloc' what(): std::bad_alloc Abgebrochen (core dumped)</p> <p>When I generate a stacktrace, all it says is:</p> <p>#0 0xffffe410 in ?? () Cannot access memory at address 0xbf8e8520</p> <p>1. Comment by Marco Hugentober:</p> <p>The problem is that you run out of virtual memory (RAM and swap partition are full) and so the bad_alloc exception is thrown. In the short run we should add a try/catch block and in the long run not read all the rows into memory.</p>		

History

#1 - 2007-12-01 03:49 PM - Jürgen Fischer

Marcos fix is already in commit:33b27214 (SVN r7702)

#2 - 2007-12-02 01:20 AM - Otto Dassau

1. comment by Tim Sutton

This is really a side effect of ticket

<https://svn.qgis.org/trac/ticket/135>

The table display needs to be redesigned to use qt interview framework. I have some in progress work to do this, and martin has been doing some similar work in python.

**#3 - 2009-03-21 09:33 AM - Paolo Cavallini**

Does recently added Better Table by Martin solve this?

**#4 - 2009-03-28 03:25 PM - Paolo Cavallini**

- *Resolution set to fixed*
- *Status changed from Open to Closed*

I assume (no such large data at hand) it does solve it; please test and reopen it if appropriate

**#5 - 2009-07-18 02:38 AM - Neil Robinson -**

- *Resolution deleted (fixed)*
- *Status changed from Closed to Feedback*

Opening a large attribute table still fails for me. In fact, if I leave it long enough without killing the qgis process, it hangs my whole system.

Using 1.0.2 on Ubuntu 9.04 -- downloaded from ppa repositories.

Is there some way to get debugging info that I could send through to help with troubleshooting this?

**#6 - 2009-07-18 02:46 AM - Paolo Cavallini**

- *Resolution set to fixed*
- *Status changed from Feedback to Closed*

The problem should be fixed in 1.1

**#7 - 2009-08-22 01:02 AM - Anonymous**

Milestone Version 1.0.2 deleted