

## Exiv2 - Feature #956

### Support for .MTS movie format

22 May 2014 21:12 - Abhinav Badola

<b>Status:</b>	Closed	<b>Start date:</b>	22 May 2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Robin Mills	<b>% Done:</b>	100%
<b>Category:</b>	video	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	0.25		
<b>Description</b>			
Implement .MTS metadata read support. Write support needs to be investigated and if possible implemented.  Feature has been requested and reported by Jim Shipman.  Reason - digiKam crashed while reading .MTS file. Crash Report has been attached. [1] <a href="http://dev.exiv2.org/attachments/610/digikam_crash_dump_05.txt">http://dev.exiv2.org/attachments/610/digikam_crash_dump_05.txt</a>			
<b>Related issues:</b>			
Related to Exiv2 - Bug #961: Crash in digikam while reading metadata from a ...		<b>Closed</b>	<b>08 Jun 2014</b>

### History

#### #1 - 23 May 2014 04:21 - Abhinav Badola

Implement .MTS metadata read support.  
Write support needs to be investigated and if possible implemented.

Feature has been requested and reported by Jim Shipman.

Reason - digiKam crashed while reading .MTS file.  
Crash Report has been attached.

[1] [http://dev.exiv2.org/attachments/610/digikam\\_crash\\_dump\\_05.txt](http://dev.exiv2.org/attachments/610/digikam_crash_dump_05.txt)

File that can be used for testing the bug-

[2] <http://dev.exiv2.org/attachments/611/00056.MTS>

#### #2 - 23 May 2014 04:49 - Phil Harvey

Note that as far as I know the M2TS container format does not support metadata.

You must parse the embedded video stream if you want to extract any interesting information. :(

#### #3 - 23 May 2014 19:28 - Jim Shipman

This is not a feature request. This should be a bug report, and it should have a high priority.

A file with a type unknown to exiv2 should simply return a failure code. Right now it totally crashes. Exiv2 should NEVER just crash. This crash makes digikam completely unusable to me.

Jim Shipman

#### #4 - 10 Jun 2014 23:06 - Robin Mills

- Category changed from image format to xmp

- Status changed from New to Assigned

- Assignee set to Robin Mills

- Priority changed from Low to Normal

- Target version set to 0.25

I agree with Jim that Exiv2 should not crash. On Ubuntu 13.10 Exiv2 is throwing an exception. Perhaps Digikam does not have an exception handler to deal with this.

This is a duplicate of 961 and it is my mistake to have opened a second bug report about this.

**#5 - 10 Jun 2014 23:24 - Robin Mills**

- *Category changed from xmp to video*

**#6 - 10 Jun 2014 23:29 - Robin Mills**

- *Status changed from Assigned to Resolved*

I'm going to mark this as "resolved" and continue the discussion in [#961](#). This issue will be closed during review in preparation for the 0.25 release.

**#7 - 11 Jun 2014 01:11 - Gilles Caulier**

Hi Robin,

digikam itself do not have C++ exception, but it never use Exiv2 directly. For code design, all pass through libkexiv2, which is a C++ wrapper. All methods from libkexiv2 use C++ exception...

So typically, digiKam must never crash due to a C++ exception from Exiv2...

Gilles

**#8 - 11 Jun 2014 09:27 - Robin Mills**

Gilles.

I agree with you. I've moved this discussion and Topic #1737 to Issue [#961](#). Easier for both of us to deal with this in a single place.

Robin

**#9 - 08 May 2015 16:26 - Robin Mills**

- *% Done changed from 0 to 100*

**#10 - 21 Jun 2015 16:41 - Andreas Huggel**

- *Status changed from Resolved to Closed*