

## Exiv2 - Feature #611

### Add support for makernote of Sony ARW files

28 Jan 2009 21:28 - Andreas Huggel

<b>Status:</b> Closed	<b>Start date:</b> 28 Jan 2009
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 100%
<b>Category:</b> exif	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b> 0.20	
<b>Description</b> <a href="http://uk.groups.yahoo.com/group/exiv2/message/1445">http://uk.groups.yahoo.com/group/exiv2/message/1445</a> <a href="http://dev.exiv2.org/boards/3/topics/show/30">http://dev.exiv2.org/boards/3/topics/show/30</a> Eventually this may make it possible to write to ARW files	
<b>Related issues:</b> Related to Exiv2 - Feature #706: Support Sony SR2Private Tags <span style="float: right;"><b>New</b>      <b>25 May 2010</b></span>	

#### Associated revisions

##### Revision 2154 - 21 Apr 2010 07:29 - Andreas Huggel

#611: Added several Sony makernote groups.

##### Revision 2155 - 21 Apr 2010 19:37 - Andreas Huggel

#611: Completed Sony<sup>12</sup> Camera Settings complex array.

##### Revision 2156 - 21 Apr 2010 19:37 - Andreas Huggel

#611: Updated samples and tests for Sony makernote changes.

##### Revision 2209 - 30 Apr 2010 21:57 - Andreas Huggel

#611: Support for SonySR2 private data and encrypted sub-IFD, part 1, still experimental and incomplete.

##### Revision 2210 - 02 May 2010 08:22 - Andreas Huggel

#611: SonySR2 support, part 2, still experimental and incomplete.

##### Revision 2238 - 25 May 2010 06:55 - Andreas Huggel

#611: Created a branch for further work on the Sony Makernote.

#### History

##### #1 - 28 Jan 2009 21:41 - Andreas Huggel

- Category set to exif

##### #2 - 29 Jan 2009 23:19 - Andreas Huggel

- File src.zip added

##### #3 - 29 Jan 2009 23:19 - Andreas Huggel

- File deleted (src.zip)

##### #4 - 29 Jan 2009 23:33 - Hiroshi Kawashima

- File DSC08797.JPG added

Here's Sony A700 JPEG file.

##### #5 - 29 Jan 2009 23:35 - Hiroshi Kawashima

Here's Sony A900 JPEG file.

**#6 - 02 Feb 2009 21:33 - Hiroshi Kawashima**

Hmm...  
It seems last A900 JPEG file upload failed?  
Trying again...

**#7 - 02 Feb 2009 22:41 - Andreas Huggel**

Maybe you have difficulties uploading the second file because of the 5MB limit for attachments. I've changed it to 10MB.

**#8 - 05 Feb 2009 03:51 - Hiroshi Kawashima**

- File DSC05970.JPG added

Thank you!  
I'm trying again.  
Attached is A900 JPEG file.

**#9 - 12 Apr 2010 05:37 - Gilles Caulier**

Hiroshi,  
  
As i'm planing to by a new A450 DLSR, i'm starting to update Sony Makernotes database support...  
  
Gilles Caulier

**#10 - 25 Apr 2010 13:58 - Gilles Caulier**

- % Done changed from 0 to 50

Sony ARW makernotes is now fully implemented in trunk. This include these camera models:

```
extern const TagDetails sonyModelId[] = {
    { 2, "DSC-R1" },
    { 256, "DSLR-A100" },
    { 257, "DSLR-A900" },
    { 258, "DSLR-A700" },
    { 259, "DSLR-A200" },
    { 260, "DSLR-A350" },
    { 261, "DSLR-A300" },
    { 263, "DSLR-A380" },
    { 264, "DSLR-A330" },
    { 265, "DSLR-A230" },
    { 269, "DSLR-A850" },
    { 273, "DSLR-A550" },
    { 274, "DSLR-A500" },
    { 275, "DSLR-A450" }
};
```

Still todo ARW writting mode, which still crash exiv2 here.

Gilles Caulier

**#11 - 25 Apr 2010 17:01 - Andreas Huggel**

Sony ARW makernotes is now fully implemented in trunk. This include these camera models

Great!

Still todo ARW writting mode, which still crash exiv2 here.

That should be done under a different issue, if any work is necessary. But let me have a look at digiKam bug 235171 ([https://bugs.kde.org/show\\_bug.cgi?id=235171](https://bugs.kde.org/show_bug.cgi?id=235171)) first, the ARW crash may also go away.

**#12 - 25 May 2010 19:50 - Andreas Huggel**

- Status changed from New to Resolved  
- Target version set to 0.20  
- % Done changed from 50 to 100

ARW write-support further requires full support of Sony SR2Private tags, see [#706](#).  
As far as the makernote is concerned, we're done for now. Thanks, Gilles!

**#13 - 29 May 2010 10:42 - Andreas Huggel**

*- Status changed from Resolved to Closed*

#### **Files**

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DSC08797.JPG	4.46 MB	29 Jan 2009	Hiroshi Kawashima
DSC05970.JPG	6.32 MB	05 Feb 2009	Hiroshi Kawashima