

---

Subject: Re: need some help reading dng files.

Posted by [Craig Markwardt](#) on Tue, 02 Apr 2013 00:23:53 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

On Monday, April 1, 2013 7:02:53 PM UTC-4, future....@gmail.com wrote:

> Hi, Folks

>

>

>

> I have some camera raw files in DNG format that I would like to be able to read in IDL. I read that DNG is an open format and is a special kind of TIFF. But I don't really know how to make use of the adobe DNG specification and import the raw data. I tried `query_tiff` and `read_tiff` and I can get some information but they are mostly wrong and I don't get any useful data. Any hints?

Thanks and have a nice day!

I'm not sure `READ_TIFF()` will be smart enough. I think that it's true that DNG is based on the TIFF standard, i.e. the file is built up of tagged records. On the other hand, I think DNG creates additional tagged information which is not present for typical images that `READ_TIFF()` is designed to read.

Especially if you are just starting out, my suggestion to you is to get the 'dcraw' software. You can use this software to convert a RAW file to pnm format which is easy to read. Play with the output options and `-D` and I think you will get something like what you want.

Craig

---

---

Subject: Re: need some help reading dng files.

Posted by [fututre.keyboard](#) on Wed, 10 Apr 2013 22:07:24 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Thank you, Craig! Dcraw works but I am still trying to avoid intermediate files. -Eugene

On Monday, April 1, 2013 5:23:53 PM UTC-7, Craig Markwardt wrote:

> On Monday, April 1, 2013 7:02:53 PM UTC-4, future....@gmail.com wrote:

>

>> Hi, Folks

>

>>

>

>>

>

>>

>

>> I have some camera raw files in DNG format that I would like to be able to read in IDL. I read that DNG is an open format and is a special kind of TIFF. But I don't really know how to make use of the adobe DNG specification and import the raw data. I tried `query_tiff` and `read_tiff` and I can

get some information but they are mostly wrong and I don't get any useful data. Any hints?

Thanks and have a nice day!

>

>

>

> I'm not sure `READ_TIFF()` will be smart enough. I think that it's true that DNG is based on the TIFF standard, i.e. the file is built up of tagged records. On the other hand, I think DNG creates additional tagged information which is not present for typical images that `READ_TIFF()` is designed to read.

>

>

>

> Especially if you are just starting out, my suggestion to you is to get the 'dcraw' software. You can use this software to convert a RAW file to pnm format which is easy to read. Play with the output options and `-D` and I think you will get something like what you want.

>

>

>

> Craig

---