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Subject: Re: Extraction from \*.txt file  
Posted by [Paul Van Delst\[1\]](#) on Tue, 23 Jun 2015 17:49:48 GMT  
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Hello,

I created a three pretend files based on your snippet below, and changed the dates.

I would use something other than IDL as a preprocessor on your text files.

Rather than IDL, I would use grep:

```
$ grep "DATE OF RAW DATA ACQUISITION" *.txt
blah1.txt:DATE OF RAW DATA ACQUISITION: 19-APR-2006
blah2.txt:DATE OF RAW DATA ACQUISITION: 20-APR-2006
blah3.txt:DATE OF RAW DATA ACQUISITION: 21-APR-2006
```

If you just want the dates:

```
$ grep "DATE OF RAW DATA ACQUISITION" *.txt | cut -d":" -f3
19-APR-2006
20-APR-2006
21-APR-2006
```

If you want filenames and dates:

```
$ grep "DATE OF RAW DATA ACQUISITION" *.txt | cut -d":" -f1,3
blah1.txt: 19-APR-2006
blah2.txt: 20-APR-2006
blah3.txt: 21-APR-2006
```

You could use this to save to a "control" file, doing something like:

```
$ grep "DATE OF ...." *.txt | cut -d":" -f1,3 > ctrl.dat
```

And you can read "ctrl.dat" simply in IDL -- since you want every line, right?

cheers,

paulv

On 06/23/15 11:19, dave poreh wrote:

```
> Folks,
> Hi,
> I have many *.txt files like this:
```

>  
> E-SAR IMAGE DATA VOLUME, VERSION 3.1, PRODUCED BY  
> GERMAN AEROSPACE CENTER (DLR e.V.)  
> MICROWAVES AND RADAR INSTITUTE  
> P.O.BOX 11 16  
> D-82230 WESSLING, GERMANY  
> Volume created on 11-Dec-2007 16:47:13.00  
> Copyright (c) 2007 by DLR, all rights reserved.  
> Suggestions welcome. Please mail to:  
> RADAR: R. Horn, E-Mail: Ralf.Horn@dlr.de  
> PROCESSING: R. Scheiber, E-Mail: Rolf.Scheiber@dlr.de  
> J. Fischer, E-Mail: Jens.Fischer@dlr.de  
> =====  
=====

> SCENE-ID: I06AGRSAR0208X1\_T01  
> VOLUME-ID: I06AGRSAR0208X1\_T01\_GTC\_RP-MASTER  
> DATE OF RAW DATA ACQUISITION: 19-APR-2006  
> =====  
=====

> I.)-VOLUME DESCRIPTION  
> This volume includes the following files (TOC)  
> ...  
>  
> And I want to extract line 15 that says :  
> DATE OF RAW DATA ACQUISITION: 19-APR-2006  
>  
> And i need just (19-APR-2006).  
> Any help would be appreciated,  
> Thank and have a nice SUMMER :)  
> Cheers,  
> Dave  
>

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