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Subject: AWK inside idl

Posted by [Sapna Mishra](#) on Thu, 25 Feb 2016 19:18:39 GMT

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Hello all,

How can I use awk command inside idl? I am doing:

```
spawn, "awk '{print $1 }' data2.dat >tmp1"
```

It is showing no error in IDL prompt but the file tmp1 is not getting created. My data2.dat is not empty. Any help in this regard???

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Subject: Re: AWK inside idl

Posted by [Michael Galloy](#) on Fri, 26 Feb 2016 01:46:25 GMT

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On 2/25/16 12:18 PM, Sapna Mishra wrote:

> Hello all,

>

> How can I use awk command inside idl? I am doing:

>

> spawn, "awk '{print \$1 }' data2.dat >tmp1"

>

> It is showing no error in IDL prompt but the file tmp1 is not getting  
> created. My data2.dat is not empty. Any help in this regard???

>

Use the result and error\_result output params to see what is happening:

```
IDL> spawn, "awk '{print $1 }' data2.dat >tmp1", result, error_result
```

```
IDL> print, result
```

```
IDL> print, error_result
```

Mike

--

Michael Galloy

[www.michaelgalloy.com](http://www.michaelgalloy.com)

Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)

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Subject: Re: AWK inside idl

Posted by [Sapna Mishra](#) on Fri, 26 Feb 2016 04:24:24 GMT

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```
IDL> spawn, "awk '{print $2 }' data2.dat >tmp1", result, error_result
```

IDL> print,result

IDL>

This is not working as well, basically I am interested in tmp1 file to be created inside IDL with column 1 of data2.dat. But with this no tmp1 is getting created.  
Any other suggestion please???

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Subject: Re: AWK inside idl

Posted by [Michael Galloy](#) on Fri, 26 Feb 2016 05:23:09 GMT

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On 2/25/16 9:24 PM, Sapna Mishra wrote:

> IDL> spawn, "awk '{print \$2 }' data2.dat >tmp1", result, error\_result

> IDL> print,result

>

> IDL>

>

> This is not working as well, basically I am interested in tmp1 file

> to

be created inside IDL with column 1 of data2.dat. But with this no tmp1  
is getting created.

> Any other suggestion please???

>

What about error\_result? That is the one we want to see.

Mike

--

Michael Galloy

[www.michaelgalloy.com](http://www.michaelgalloy.com)

Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)

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Subject: Re: AWK inside idl

Posted by [Sapna Mishra](#) on Fri, 26 Feb 2016 05:50:24 GMT

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IDL> spawn, "awk '{print \$2 }' data2.dat >tmp1", result, error\_result

IDL> print,error\_result

IDL>

i.e it is not printing anything

---

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Subject: Re: AWK inside idl

Posted by on Fri, 26 Feb 2016 09:33:01 GMT

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Den fredag 26 februari 2016 kl. 06:50:26 UTC+1 skrev Sapna Mishra:

> IDL> spawn, "awk '{print \$2 }' data2.dat >tmp1", result, error\_result

> IDL> print,error\_result

>

> IDL>

>

> i.e it is not printing anything

You say data2.dat is not empty, but does it have any lines with the second field that \$2 refers to? Do you get any tmp1 file if you execute the awk command directly at the shell prompt?

Hmmm, I guess if there are no second fields the file should still be created but with empty lines.

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Subject: Re: AWK inside idl

Posted by [Sapna Mishra](#) on Fri, 26 Feb 2016 10:07:22 GMT

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data2.dat is having 6 column so there is no issue of an empty field. However still tpm2 should be created .

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Subject: Re: AWK inside idl

Posted by on Fri, 26 Feb 2016 13:38:13 GMT

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Den fredag 26 februari 2016 kl. 11:07:24 UTC+1 skrev Sapna Mishra:

> data2.dat is having 6 column so there is no issue of an empty field. However still tpm2 should be created .

But is it, if you do not involve IDL?

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