
Subject: Re: CVS and IDL - RCS tags
Posted by [Rob Dimeo](#) on Mon, 11 Jul 2005 12:52:00 GMT
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Ben,

We have been able to do this by making this a comment in the header part of the code prior to adding and committing:

```
;$Id: $
```

When you look at it after committing it then you should see the version info filled in for you. One might look like the following:

```
;$Id: cw_color_button.pro,v 1.16 2005/07/06 16:34:25 rdimeo Exp $
```

Cheers,

Rob

Subject: Re: CVS and IDL - RCS tags
Posted by [Ben Panter](#) on Mon, 11 Jul 2005 13:03:31 GMT
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Rob wrote:

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Thanks for your help, I'm afraid I'm still not getting it!

OK - I must be doing something wrong here. I'm using eclipse, so I open the file and edit it. I add the string that you suggested half way through the file:

```
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then save the file and commit it to the archive.

I then log into one of my other machines, and do a CVS update:

```
[bdp@obrero1 bdp]$ cvs update moped
cvs server: Updating moped
cvs server: Updating moped/BULK
cvs server: Updating moped/DEEP2
cvs server: Updating moped/GDDS
cvs server: Updating moped/GOODS
cvs server: Updating moped/HR
U moped/HR/hr_setup.pro
cvs server: Updating moped/KM
cvs server: Updating moped/SPEC_IDL
cvs server: Updating moped/TOOLS
```

and indeed, hr_setup.pro has been updated, but still reads:

```
;$Id: $
```

at the line I changed.

Any suggestions?

--

```
-----
Ben Panter, Garching, Germany
email via www.benpanter.co.uk
```

Subject: Re: CVS and IDL - RCS tags
Posted by [Karl Schultz](#) on Mon, 11 Jul 2005 14:02:41 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Mon, 11 Jul 2005 15:03:31 +0200, Ben Panter wrote:

```
> Rob wrote:
>> We have been able to do this by making this a comment in the header
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> cvs server: Updating moped/TOOLS
>
> and indeed, hr_setup.pro has been updated, but still reads:
>
> ;$Id: $
>
> at the line I changed.
>
> Any suggestions?
```

It could be that your CVS client is turning off keyword substitution.

You might look at

https://www.cvshome.org/docs/manual/cvs-1.11.7/cvs_12.html#SEC101

and the docs for whatever it is that you are using to actually check in the code to see if you are turning off substitution by accident. Your check-in client might have a preference or setting that is passing the "don't expand keywords" option to CVS.

Check for a cvs wrapper that might be setting this option.

If your file is checked in as a binary file, CVS will not do kwd expansion.

Karl

Subject: Re: CVS and IDL - RCS tags

What happens if you do a "cvs commit" after the update?

--Paolo

Ben Panter wrote:

> Rob wrote:

>

>> We have been able to do this by making this a comment in the header

>> part of the code prior to adding and committing:

>>

>> ;\$Id: \$

>>

>> When you look at it after committing it then you should see the version

>> info filled in for you. One might look like the following:

>>

>> ; \$Id: cw_color_button.pro,v 1.16 2005/07/06 16:34:25 rdimeo Exp \$

>

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> U moped/HR/hr_setup.pro

> cvs server: Updating moped/KM

> cvs server: Updating moped/SPEC_IDL

> cvs server: Updating moped/TOOLS

>

> and indeed, hr_setup.pro has been updated, but still reads:

>

> ;\$Id: \$

>

> at the line I changed.
>
> Any suggestions?
>

Subject: Re: CVS and IDL - RCS tags
Posted by [Ben Panter](#) on Mon, 11 Jul 2005 14:14:40 GMT
[View Forum Message](#) <> [Reply to Message](#)

Paolo Grigis wrote:

> What happens if you do a "cvs commit" after the update?

do you mean on the remote machine? It doesn't seem to help:

```
[bdp@obrero1 bdp]$ cvs update moped
cvs server: Updating moped
cvs server: Updating moped/BULK
cvs server: Updating moped/DEEP2
cvs server: Updating moped/GDDS
cvs server: Updating moped/GOODS
cvs server: Updating moped/HR
U moped/HR/hr_mcmc.pro
U moped/HR/prep_spectra_3A.pro
cvs server: Updating moped/KM
cvs server: Updating moped/SPEC_IDL
cvs server: Updating moped/TOOLS
[bdp@obrero1 bdp]$ cvs commit moped
cvs commit: Examining moped
cvs commit: Examining moped/BULK
cvs commit: Examining moped/DEEP2
cvs commit: Examining moped/GDDS
cvs commit: Examining moped/GOODS
cvs commit: Examining moped/HR
cvs commit: Examining moped/KM
cvs commit: Examining moped/SPEC_IDL
cvs commit: Examining moped/TOOLS
[bdp@obrero1 bdp]$ grep moped/HR/hr_setup.pro ld
grep: ld: No such file or directory
[bdp@obrero1 bdp]$ grep ldmoped/HR/hr_setup.pro

[bdp@obrero1 bdp]$ grep ld moped/HR/hr_setup.pro
SetName='DR3 3AA LMC 1p Dust. VD=170' + '$ld$'
FNexpspec = 'expSpecIldl.dat'
;$ld: $
[bdp@obrero1 bdp]$
```

--

Ben Panter, Garching, Germany
email via www.benpanter.co.uk

Subject: Re: CVS and IDL - RCS tags
Posted by [Ben Panter](#) on Mon, 11 Jul 2005 14:16:24 GMT
[View Forum Message](#) <> [Reply to Message](#)

Karl Schultz wrote:

- > It could be that your CVS client is turning off keyword substitution.
- >
- > You might look at
- >
- > https://www.cvshome.org/docs/manual/cvs-1.11.7/cvs_12.html#S_EC101

Thanks Karl - I'll have a go at this.

The files are definitely not uploaded as binary

Ben

--

Ben Panter, Garching, Germany
email via www.benpanter.co.uk

Subject: Re: CVS and IDL - RCS tags
Posted by [Paolo Grigis](#) on Mon, 11 Jul 2005 14:23:21 GMT
[View Forum Message](#) <> [Reply to Message](#)

Sorry, I wasn't thinking straight... just forget my nonsense.

--Paolo

Ben Panter wrote:

- > Paolo Grigis wrote:
- >
- >> What happens if you do a "cvs commit" after the update?
- >
- >
- > do you mean on the remote machine? It doesn't seem to help:

```
>
> [bdp@obrero1 bdp]$ cvs update moped
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> U moped/HR/hr_mcmc.pro
> U moped/HR/prep_spectra_3A.pro
> cvs server: Updating moped/KM
> cvs server: Updating moped/SPEC_IDL
> cvs server: Updating moped/TOOLS
> [bdp@obrero1 bdp]$ cvs commit moped
> cvs commit: Examining moped
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> cvs commit: Examining moped/KM
> cvs commit: Examining moped/SPEC_IDL
> cvs commit: Examining moped/TOOLS
> [bdp@obrero1 bdp]$ grep moped/HR/hr_setup.pro ld
> grep: ld: No such file or directory
> [bdp@obrero1 bdp]$ grep ldmoped/HR/hr_setup.pro
>
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> SetName='DR3 3AA LMC 1p Dust. VD=170' + '$ld$'
> FNexpspec = 'expSpecldl.dat'
> ;$ld: $
> [bdp@obrero1 bdp]$
>
>
>
```

Subject: Re: CVS and IDL - RCS tags
Posted by [Ben Panter](#) on Mon, 11 Jul 2005 14:39:08 GMT
[View Forum Message](#) <> [Reply to Message](#)

Ben Panter wrote:

> Karl Schultz wrote:

>

>> It could be that your CVS client is turning off keyword substitution.

>>

>> You might look at

>> https://www.cvshome.org/docs/manual/cvs-1.11.7/cvs_12.html#SEC101

>
>
> Thanks Karl - I'll have a go at this.
>
> The files are defintly not uploaded as binary

Yeup, all are set as ASCII -kvv in the client, so unfortunatly that hasn't helped. I wonder if there is some setting on the CVS server itself which is stopping the replacement?

Ben

--

Ben Panter, Garching, Germany
email via www.benpanter.co.uk

Subject: Re: CVS and IDL - RCS tags
Posted by [Ben Panter](#) on Mon, 11 Jul 2005 14:53:39 GMT
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Karl and others,

I think I have a solution. In frustration I just deleted my local copy entirely and did a cvs checkout moped - and miraculously all the tags have been replaced with the correct strings!

I still have no idea was is going on[1], but I am at least happy with the result. Thanks for all your advice,

Ben

[1] This is a pretty familiar feeling for me these days.

--

Ben Panter, Garching, Germany
email via www.benpanter.co.uk

Subject: Re: CVS and IDL - RCS tags
Posted by [Karl Schultz](#) on Mon, 11 Jul 2005 15:02:35 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Mon, 11 Jul 2005 16:39:08 +0200, Ben Panter wrote:

> Ben Panter wrote:

>> Karl Schultz wrote:
>>
>>> It could be that your CVS client is turning off keyword substitution.
>>>
>>> You might look at
>>> https://www.cvshome.org/docs/manual/cvs-1.11.7/cvs_12.html#S_EC101
>>
>>
>> Thanks Karl - I'll have a go at this.
>>
>> The files are defintly not uploaded as binary

Still, you might try 'cvs status filename' to make sure. Sometimes a sticky flag might be set.

>
> Yeup, all are set as ASCII -kvv in the client, so unfortunatly that
> hasn't helped. I wonder if there is some setting on the CVS server
> itself which is stopping the replacement?

kvv? Maybe you meant kkv?

You could try 'cvs co CVSROOT' and look at the config file.

At this point, I don't think that this is an IDL issue and you might get better answers looking/googling for CVS info on the web.

Karl

Subject: Re: CVS and IDL - RCS tags
Posted by [JD Smith](#) on Mon, 11 Jul 2005 19:30:01 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Mon, 11 Jul 2005 14:00:22 +0200, Ben Panter wrote:

> I've been using CVS for the last six months or so to maintain my IDL
> codes, and I think it is absolutly fantastic. The only problem I get is
> trying to work out what version of the code is running on a remote
> machine, or which version of the code generated some results. After a bit
> of research in the archives, I found out about RCS tags - specifically
> \$Id\$ - which would do the job perfectly.

Not really related, I know, but I thought I'd mention that Emacs has excellent built-in CVS support, so using IDLWAVE with CVS is a joy. I find I use C-x v = (show differences to last checked in version) quite often, and the color coded annotation (C-x v g) is useful for a rough guide to when various parts of the file where modified. I never visit

the command line for CVS anymore, except for the occasional multi-file check-in. That said, I've used \$Date\$ and \$Id\$ without problem in the header comments, so it must be your client (e.g. binary files have keyword expansion turned off, for obvious reasons).

JD
