
Subject: Re: VAX IDL save format

Posted by [Craig Markwardt](#) on Tue, 30 Jan 2001 15:05:33 GMT

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Mike Cooper <mcooper@ll.mit.edu> writes:

> Hi. Does anyone know if a translator exists to convert VAX save files to
> the
> generic XDR format used on other platforms? I have several data files
> saved under IDL1.0 for the VAX which I would know like to read into
> a newer version of IDL.
>
> Tia, -MjC
>

Does this not help? [Documentation from RESTORE:]

Note to VMS Users

When reading older VMS format files, IDL knows that all floating-point values are in VAX format. These floating values are automatically converted to IEEE format. Only VMS/IDL is able to restore the native VMS format.

Note - If you are restoring a file created with VAX IDL version 1, you must restore on a machine running VMS.

Given the above, and assuming you still have a VAX, you could restore and then resave in the new format. If you don't have a VAX I would say you need to ask the RSI folks.

Craig

--

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

Subject: Re: VAX IDL save format

Posted by [davidf](#) on Tue, 30 Jan 2001 15:58:01 GMT

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Craig Markwardt (craigmnet@cow.physics.wisc.edu) writes:

> If you don't have a VAX I would
> say you need to ask the RSI folks.

I think I saw one in the Smithsonian Museum the
last time I was in Washington. :-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting
Phone: 970-221-0438 E-Mail: davidf@dfanning.com
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: VAX IDL save format
Posted by [Craig Markwardt](#) on Tue, 30 Jan 2001 16:39:23 GMT
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davidf@dfanning.com (David Fanning) writes:

> Craig Markwardt (craigmnet@cow.physics.wisc.edu) writes:
>
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Was it running IDL?

--

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

Subject: Re: VAX IDL save format
Posted by [davidf](#) on Tue, 30 Jan 2001 17:04:31 GMT
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Craig Markwardt (craigmnet@cow.physics.wisc.edu) writes:

> Was it running IDL?

No, they couldn't afford the maintenance. :-(

Cheers,

David

--

David Fanning, Ph.D.

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Subject: Re: VAX IDL save format

Posted by [Dave Greenwood](#) on Tue, 30 Jan 2001 18:21:14 GMT

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davidf@dfanning.com (David Fanning) wrote:

> Craig Markwardt (craigmnet@cow.physics.wisc.edu) writes:

>

>> Was it running IDL?

>

> No, they couldn't afford the maintenance. :-(

Hey - I just shut down a VAX. It, VMS and pre-version-number IDL were all running just fine, thank you. (Can't say as much for the 3rd party hardware connected to it.) We got it second hand several years ago and had never paid a \$0.01 in hardware maintenance. Wish I could say as much for the PeeCee's I have to use.

Dave (who will now go back to lurking)

Dave Greenwood

Email: Greenwoodde@ORNL.GOV

Oak Ridge National Lab

%STD-W-DISCLAIMER, I only speak for myself

Subject: Re: VAX IDL save format

Posted by [hugh_evans](#) on Thu, 01 Feb 2001 16:22:31 GMT

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In article <30JAN01.18211461@feda34.fed.ornl.gov>,

Dave Greenwood <greenwoodde@ornl.gov> wrote:

> davidf@dfanning.com (David Fanning) wrote:
>> Craig Markwardt (craigmnet@cow.physics.wisc.edu) writes:
>>
>>> Was it running IDL?
>>
>> No, they couldn't afford the maintenance. :-(
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> Hey - I just shut down a VAX. It, VMS and pre-version-number IDL were
> all running just fine, thank you. (Can't say as much for the 3rd
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> had never paid a \$0.01 in hardware maintenance. Wish I could say as
> much for the PeeCee's I have to use.
>
> Dave (who will now go back to lurking)

We still have a couple of OpenVMS Vaxen running happily along in the machine room. They are running (Still!) PVWave v3, v4, v5 , and V6 - but we didn't get IDL until a few years ago- so we have to go to the Alphas for that (No VAX support).

My guess is that the Wave/IDL savefile format is identical for the earlier incarnations.

Hugh

Sent via Deja.com
<http://www.deja.com/>
