Subject: DEFSYSV with /TEST option?

Posted by MarioIncandenza on Tue, 15 Aug 2017 17:27:16 GMT

View Forum Message <> Reply to Message

The /TEST keyword to DEFSYSV allows you to set default values for system variables; that is, if the value is not already set by an upstream process, DEFSYSV will set it. This is what the documentation says:

https://harrisgeospatial.com/docs/DEFSYSV.html

"TEST: Set this keyword to create a new system variable only if one does not currently exist."

But when we try to do this:

IDL> defsysv,'!VAR',0,/test % Keyword TEST not allowed in call to: DEFSYSV

IOID (Implemented Only In Documentation)?

--Edward H.

Subject: Re: DEFSYSV with /TEST option?

Posted by wlandsman on Tue, 15 Aug 2017 17:57:27 GMT

View Forum Message <> Reply to Message

What version of IDL are you running? Your example works correctly for me in IDL 8.5.1 in both Linux and MacOS.

On Tuesday, August 15, 2017 at 1:27:20 PM UTC-4, Edward Hyer wrote:

- > The /TEST keyword to DEFSYSV allows you to set default values for system variables; that is, if the value is not already set by an upstream process, DEFSYSV will set it. This is what the documentation says:
- > https://harrisgeospatial.com/docs/DEFSYSV.html
- > "TEST: Set this keyword to create a new system variable only if one does not currently exist."

> But when we try to do this:

> IDL> defsysv,'!VAR',0,/test

> % Keyword TEST not allowed in call to: DEFSYSV

> IOID (Implemented Only In Documentation)?

> --Edward H.

>

Subject: Re: DEFSYSV with /TEST option?

Posted by Dick Jackson on Thu, 17 Aug 2017 17:40:35 GMT

View Forum Message <> Reply to Message

... and correctly for me in IDL 8.5.1 on Windows.

Cheers,

-Dick

Dick Jackson Software Consulting Inc. Victoria, BC, Canada --- http://www.d-jackson.com

On Tuesday, 15 August 2017 10:57:30 UTC-7, wlandsman wrote:

> What version of IDL are you running? Your example works correctly for me in IDL 8.5.1 in both Linux and MacOS.

>

- > On Tuesday, August 15, 2017 at 1:27:20 PM UTC-4, Edward Hyer wrote:
- >> The /TEST keyword to DEFSYSV allows you to set default values for system variables; that is, if the value is not already set by an upstream process, DEFSYSV will set it. This is what the documentation says:
- >> https://harrisgeospatial.com/docs/DEFSYSV.html
- >> "TEST: Set this keyword to create a new system variable only if one does not currently exist."

>>

>> But when we try to do this:

>>

- >> IDL> defsysv,'!VAR',0,/test
- >> % Keyword TEST not allowed in call to: DEFSYSV

>>

>> IOID (Implemented Only In Documentation)?

>>

>> --Edward H.

Subject: Re: DEFSYSV with /TEST option?

Posted by MarioIncandenza on Thu, 17 Aug 2017 23:03:35 GMT

View Forum Message <> Reply to Message

On Thursday, August 17, 2017 at 10:40:38 AM UTC-7, Dick Jackson wrote:

> ... and correctly for me in IDL 8.5.1 on Windows.

>

- > Cheers,
- > -Dick

>

- > Dick Jackson Software Consulting Inc.
- > Victoria, BC, Canada --- http://www.d-jackson.com
- > On Tuesday, 15 August 2017 10:57:30 UTC-7, wlandsman wrote:
- >> What version of IDL are you running? Your example works correctly for me in IDL 8.5.1 in both Linux and MacOS.

>>

- >> On Tuesday, August 15, 2017 at 1:27:20 PM UTC-4, Edward Hyer wrote:
- >>> The /TEST keyword to DEFSYSV allows you to set default values for system variables; that

```
is, if the value is not already set by an upstream process, DEFSYSV will set it. This is what the documentation says:

>>> https://harrisgeospatial.com/docs/DEFSYSV.html

>>> "TEST: Set this keyword to create a new system variable only if one does not currently exist."
```

>>> But when we try to do this: >>>

>>> IDL> defsysv,'!VAR',0,/test

>>> % Keyword TEST not allowed in call to: DEFSYSV

>>>

>>> IOID (Implemented Only In Documentation)?

>>>

>>> --Edward H.

8.2.3 on Linux, does not work. Doesn't really matter, it's a two-line workaround using the EXISTS= keyword, but the documentation doesn't indicate this feature is new.

Subject: Re: DEFSYSV with /TEST option?
Posted by Louis Giglio on Mon, 21 Aug 2017 16:45:37 GMT

View Forum Message <> Reply to Message

Hi Ed!

Seems to have been added in IDL 8.5 (or perhaps 8.4.x):

IDL> print, !version
{ x86_64 linux unix linux 8.4 Sep 27 2014 64 64}
IDL> defsysv,'!VAR',0,/test
% Keyword TEST not allowed in call to: DEFSYSV
% Execution halted at: \$MAIN\$

IDL> print, !version
{ x86_64 linux unix linux 8.5 Jul 7 2015 64 64}
IDL> defsysv,'!VAR',0,/test
IDL> print, !var
0

Cheers, Louis