
Subject: QHULL Documentation Request, Re: Particle_Trace question ?
Posted by [David Fanning](#) on Fri, 21 Mar 2008 04:15:24 GMT
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Douglas G. Dirks writes:

> I've made what I hope are some clarifications to the PARTICLE_TRACE
> reference documentation.

As long as we are making documentation requests, could
I please request a clarification on the QHULL SPHERE
keyword documentation. I don't know how many collective
man-months of work are lost by calling QHULL like this:

```
QHULL, lon, lat, tri, /DELAUNAY, /SPHERE
```

but I'm sure it is substantial. What in the world do you
do with this kind of an error message?

```
% QHULL: Expression must be named variable in this context: <INT  
(      1)>.
```

The proper way to call QHULL is like this:

```
QHULL, lon, lat, tri, /DELAUNAY, SPHERE=s
```

Some indication of which positional and keyword parameters
are input and which are output would also be helpful. :-)

Thanks,

David

P.S. Nice surprise to see you at lunch today!

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: QHULL Documentation Request, Re: Particle_Trace question ?
Posted by [Douglas G. Dirks](#) on Mon, 24 Mar 2008 18:49:37 GMT
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David Fanning wrote:

> Douglas G. Dirks writes:

>
>> I've made what I hope are some clarifications to the PARTICLE_TRACE
>> reference documentation.
>
> As long as we are making documentation requests, could
> I please request a clarification on the QHULL SPHERE
> keyword documentation.

I've made some edits to the QHULL reference page to clarify which arguments and keywords are input vs. output variables. The keyword descriptions did seem a bit cryptic on that score. The Syntax section did at least note that the SPHERE keyword is to be set equal to a variable... ;-)

It is, I hope, better now. Updates will appear in the next release of the help.

As Jim Pendleton notes elsewhere in this thread, the IDL 7.0 help system has a handy link at the bottom of each topic that lets you send mail directly to us in the IDL documentation group. We appreciate any and all suggestions...

> P.S. Nice surprise to see you at lunch today!

Ditto!

Doug

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Subject: Re: QHULL Documentation Request, Re: Particle_Trace question ?
Posted by [David Fanning](#) on Mon, 24 Mar 2008 18:57:48 GMT
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Douglas G. Dirks writes:

> The Syntax section did at least note that the SPHERE keyword
> is to be set equal to a variable... ;-)

And thank goodness it did, or I would *still* be puzzling over that strange error message! ;-)

Cheers,

David

--

David Fanning, Ph.D.

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Sepore ma de ni thui. ("Perhaps thou speakest truth.")
