
Subject: Re: Percentile Function/Pro
Posted by [steinhh](#) on Fri, 13 Feb 1998 08:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

David Mottershead replied:

> There is a web site by
> Martin Schultz / Harvard University / mgs@io.harvard.edu
> [http://www-as.harvard.edu/people/staff/mgs/idl/idl_library.h tml](http://www-as.harvard.edu/people/staff/mgs/idl/idl_library.html)
> with
> percentiles.pro

It is possible to make that routine a bit faster (and less memory consuming) by doing

```
ix = sort(data)
```

instead of

```
; create a temporary copy of the data and sort  
tmp = data  
tmp = tmp(sort(tmp))
```

and then substituting

```
tmp(ind)
```

with

```
data(ix(ind))
```

Regards,

Stein Vidar

Subject: Re: Percentile Function/Pro
Posted by [Theo Brauers](#) on Fri, 13 Feb 1998 08:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

There is a web site by
Martin Schultz / Harvard University / mgs@io.harvard.edu
[http://www-as.harvard.edu/people/staff/mgs/idl/idl_library.h tml](http://www-as.harvard.edu/people/staff/mgs/idl/idl_library.html)
with
percentiles.pro

Best Theo

David Mottershead wrote:

>
> Does anyone have a nice function/pro or know of a nice way to compute
> the percentile on an array/vector? Is there a system function which does
> this?
>
> --
> Regards
>
> David
>
> *****
> David Mottershead Phone: +61 2 9949 0278
> Manly Hydraulics Laboratory Fax: +61 2 9948 6185
> 110b King St, Manly Vale, 2093 email: dmottershead@mhl.nsw.gov.au
> SYDNEY, AUSTRALIA WWW: http://www.mhl.nsw.gov.au
> *****

--

Dr. Theo Brauers
Institut fuer Atmosphaerische Chemie (ICG-3)
Forschungszenrum Juelich
52425 JUELICH, Germany
Tel. +49-2461-61-6646 Fax. +49-2461-61-5346
