
Subject: Re: mpfitexpr using functargs

Posted by [Craig Markwardt](#) on Thu, 20 Jul 2006 16:02:52 GMT

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"hradilv" <hradilv@yahoo.com> writes:

```
> (Craig M.,)
>
> I'm having trouble figuring out how to use the functargs keyword to
> mpfitexpr.
>
> In particular, how do I "retrieve" the values from within "myfunct"?
> Your documentation mentions "PRIVATE"?
>
> This is what I _think_ it should be:
>
> function myfunct, x, p, other=other
>   ;; calculate y using x, p, and other
>   return, y
> end
```

The simple answer is, use 'mpfitFUN' if you are using a fitting function.

Then you could do this,

```
function myfunct, x, p, other=other
  ;; calculate y using x, p, and other
  return, y
end
```

and

```
pout = mpfitfun('myfunct', x,data,err,p,parinfo=parinfo, functargs={other:other})
```

Craig

```
>
> pro mainpro, data
>
> ....
> other = read_somefixed_data(afile)
> f = {other:other}
> pout = mpfitexpr('myfunct',x,data,err,p,parinfo=parinfo,functargs=f )
>
> return
> end
>
```

--

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Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

Subject: Re: mpfitexpr using functargs
Posted by [Vince Hradil](#) on Thu, 20 Jul 2006 16:44:51 GMT
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Thanks, I thought I tried that... I'll give it a go.

Craig Markwardt wrote:

```
> The simple answer is, use 'mpfitFUN' if you are using a fitting function.  
> Then you could do this,  
>   function myfunct, x, p, other=other  
>     ;; calculate y using x, p, and other  
>     return, y  
>   end  
>  
> and  
>   pout = mpfitfun('myfunct', x,data,err,p,parinfo=parinfo, functargs={other:other}  
>  
> Craig
```
