Perhaps Mike (or someone else) can offer a different/better solution, but I usually do something like this:

```
; :Returns:
;   One of three possible values are returned::
;   -1 IF xUTC1  <  xUTC2
;    0 IF xUTC1 == XUTC2
;    1 IF xUTC1  >  XUTC2
```

Similarly,

```
; :History:
;   Modification history::
;    21 Mar 2007 D. A. Gell Initial coding
;    16 Apr 2007 D. A. Gell correct variable usage
;    7 Aug 2007 D. A. Gell added Kepler (dust) ram direction
```

On Tuesday, January 15, 2013 3:09:57 PM UTC-6, David Gell wrote:
> I've got a couple of questions about using idldoc to format file documentation. First, I've a function that can return a status code. The header is formatted as follows:
>
>
>
> ; :RETURNS:
>
> ; -1 IF xUTC1 < xUTC2
>
> ;   0 IF xUTC1 == XUTC2
>
> ;   1 IF xUTC1 > XUTC2
>
>
>
> The idldoc output concatenates the 3 lines:
>
> Return Value
>
>   -1 IF xUTC1 < xUTC2 0 IF xUTC1 == XUTC2 1 IF xUTC1 > XUTC2
>
>
>
> Is there a way to insure that the line breaks are maintained.

Subject: Re: Using IDLdoc to format documentation
Posted by Michael Galloy on Tue, 15 Jan 2013 23:52:07 GMT

On 1/15/13 4:20 PM, Phillip Bitzer wrote:
> Perhaps Mike (or someone else) can offer a different/better
> solution, but I usually do something like this:
>
> ; :Returns:
> ;   One of three possible values are returned::
> ;   -1 IF xUTC1 < xUTC2
> ;   0 IF xUTC1 == XUTC2
> ;   1 IF xUTC1 > XUTC2
>
> Similarly,
>
> ; :History:
> ;   Modification history::
> ;   21 Mar 2007 D. A. Gell Initial coding
> ;   16 Apr 2007 D. A. Gell correct variable usage
> ;   7 Aug 2007 D. A. Gell added Kepler (dust) ram direction

Yes, I do things like that too, but find it awkward. I don't have a good
solution to this right now.

I would like to add itemized and enumerated lists to IDLdoc rst markup
with syntax something like:

; :Returns:
;   One of three possible values are returned:
;
;   * -1 if xUTC1 < xUTC2
;   * 0 if xUTC1 == xUTC2
;   * 1 if xUTC1 > xUTC2

and

; :History:
;   * 21 Mar 2007 D. A. Gell Initial coding
;   * 16 Apr 2007 D. A. Gell correct variable usage
;   * 7 Aug 2007 D. A. Gell added Kepler (dust) ram direction

These would make simple bullet item lists (note that this would not
align the comparison operators in the first example).

Enumerated lists would look like:

; :Returns:
;   One of three possible values are returned:

```
;
;    1. -1 if xUTC1 < xUTC2
;    2. 0 if xUTC1 == xUTC2
;    3. 1 if xUTC1 > xUTC2
```

or

```
; :Returns:
;   One of three possible values are returned:
;
;    #. -1 if xUTC1 < xUTC2
;    #. 0 if xUTC1 == xUTC2
;    #. 1 if xUTC1 > xUTC2
```

Any thoughts?

Mike
--
Michael Galloy
www.michaelgalloy.com
Modern IDL: A Guide to IDL Programming (http://modernidl.idldev.com)
Research Mathematician
Tech-X Corporation

Subject: Re: Using IDLdoc to format documentation
Posted by David Gell on Wed, 16 Jan 2013 19:12:38 GMT
View Forum Message <> Reply to Message

Thanks for the information. It seems like we all use the same work-around. The enumerated lists that Mike suggests would be helpful. I can thing of a number of places that bullet lists and numeric lists could be used.

Subject: Re: Using IDLdoc to format documentation
Posted by   on Thu, 17 Jan 2013 09:30:08 GMT
View Forum Message <> Reply to Message

Den onsdagen den 16:e januari 2013 kl. 20:12:38 UTC+1 skrev David Gell:
> Thanks for the information. It seems like we all use the same work-around. The enumerated lists that Mike suggests would be helpful. I can thing of a number of places that bullet lists and numeric lists could be used.

I have a different workaround, I just insert empty (comment) lines where I want line breaks.

Like this:

```
; :RETURNS:
;
;  -1 IF xUTC1  < xUTC2
;
;   0 IF xUTC1 == XUTC2
;
;   1 IF xUTC1 >  XUTC2
;
```

Proper lists would sure be useful, though.

Subject: Re: Using IDLdoc to format documentation
Posted by Matthew Argall on Fri, 18 Jan 2013 23:36:29 GMT
View Forum Message <> Reply to Message

> Any thoughts?

I just recently started using IDLdoc and love it. I have been looking for something like it for my MatLab code. Seems like IDLdoc could work if I could just change the comment character to "%". Can there be a keyword for that?

Bullets would be good. Writing "1.", "2.", etc. has been easy enough for numerated lists. Especially for fixed-width fonts.

Subject: Re: Using IDLdoc to format documentation
Posted by Michael Galloy on Sun, 20 Jan 2013 18:21:34 GMT
View Forum Message <> Reply to Message

On 1/18/13 4:36 pm, Matthew Argall wrote:
>> Any thoughts?
>
> I just recently started using IDLdoc and love it. I have been looking
> for something like it for my MatLab code. Seems like IDLdoc could
> work if I could just change the comment character to "%". Can there
> be a keyword for that?
>
> Bullets would be good. Writing "1.", "2.", etc. has been easy enough
> for numerated lists. Especially for fixed-width fonts.
>

There are a lot of IDL specific issues in IDLdoc besides the comment
character. If you want to give it a try, take a look at
docparprofileparser__define.pro., particularly the _parseLines method.
There are a couple places where you can replace ';+' and ';' with the

appropriate characters for MATLAB. You will also have to change it from looking for .pro files to looking to for MATLAB's extension.

Mike
--
Michael Galloy
www.michaelgalloy.com
Modern IDL: A Guide to IDL Programming (http://modernidl.idldev.com)
Research Mathematician
Tech-X Corporation

Subject: Re: Using IDLdoc to format documentation
Posted by Ajean on Tue, 22 Jan 2013 20:57:08 GMT
View Forum Message <> Reply to Message

On Tuesday, January 15, 2013 3:52:07 PM UTC-8, Mike Galloy wrote:
> On 1/15/13 4:20 PM, Phillip Bitzer wrote:
>
>> Perhaps Mike (or someone else) can offer a different/better
>
>> solution, but I usually do something like this:
>
>>
>
>> ; :Returns:
>
>> ;   One of three possible values are returned::
>
>> ;   -1 IF xUTC1 < xUTC2
>
>> ;   0 IF xUTC1 == XUTC2
>
>> ;   1 IF xUTC1 > XUTC2
>
>>
>
>> Similarly,
>
>>
>
>> ; :History:
>
>> ;   Modification history::
>
>> ;   21 Mar 2007 D. A. Gell Initial coding
>
>> ;   16 Apr 2007 D. A. Gell correct variable usage

>
>> ;   7 Aug 2007 D. A. Gell added Kepler (dust) ram direction
>
>
>
> Yes, I do things like that too, but find it awkward. I don't have a good
>
> solution to this right now.
>
>
>
> I would like to add itemized and enumerated lists to IDLdoc rst markup
>
> with syntax something like:
>
>
>
> ; :Returns:
>
> ;   One of three possible values are returned:
>
> ;
>
> ;   * -1 if xUTC1 < xUTC2
>
> ;   * 0 if xUTC1 == xUTC2
>
> ;   * 1 if xUTC1 > xUTC2
>
>
>
> and
>
>
>
> ; :History:
>
> ;   * 21 Mar 2007 D. A. Gell Initial coding
>
> ;   * 16 Apr 2007 D. A. Gell correct variable usage
>
> ;   * 7 Aug 2007 D. A. Gell added Kepler (dust) ram direction
>
>
>
> These would make simple bullet item lists (note that this would not
>
> align the comparison operators in the first example).

>
>
>
> Enumerated lists would look like:
>
>
>
> ; :Returns:
>
> ;   One of three possible values are returned:
>
> ;
>
> ;   1. -1 if xUTC1 < xUTC2
>
> ;   2. 0 if xUTC1 == xUTC2
>
> ;   3. 1 if xUTC1 > xUTC2
>
>
>
> or
>
>
>
> ; :Returns:
>
> ;   One of three possible values are returned:
>
> ;
>
> ;   #. -1 if xUTC1 < xUTC2
>
> ;   #. 0 if xUTC1 == xUTC2
>
> ;   #. 1 if xUTC1 > xUTC2
>
>
>
> Any thoughts?
>
>
>
> Mike
>
> --
>
> Michael Galloy

>
> www.michaelgalloy.com
>
> Modern IDL: A Guide to IDL Programming (http://modernidl.idldev.com)
>
> Research Mathematician
>
> Tech-X Corporation

This would be lovely, actually ... there are several places I (like many others) am using :: in a funny way to make this happen. One more vote for this functionality!