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Subject: The old Exelis/ITTVIS/RSI contrib directory  
Posted by [wlandsman](#) on Fri, 29 Sep 2017 19:28:12 GMT  
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The old IDL website used to have a "contrib" directory of supplemental procedures contributed both by users and by Exelis/ITTVIS/RSI staff. The current Website has a similar area

<http://www.harrisgeospatial.com/MyAccount/Extensions.aspx>

but it only includes procedures submitted after April 2014. I was looking for a couple of older procedures including struct\_equal.pro. Does anyone know if these are still archived anywhere?

Former links to the contrib directory include the following:

<http://www.rsinc.com/codebank/search.asp?search=category&product=IDL&catid=31>  
<http://www.itvis.com/codebank/search.asp?FID=311>  
<http://www.exelisvis.com/Default.aspx?tabid=1540&id=1175>

Thanks, -Wayne

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Subject: Re: The old Exelis/ITTVIS/RSI contrib directory  
Posted by [Jim Pendleton](#) on Fri, 29 Sep 2017 20:10:21 GMT  
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On Friday, September 29, 2017 at 1:28:14 PM UTC-6, wlandsman wrote:

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>  
> Thanks, -Wayne

Is this the one?

```
;+  
; <FUNCTION struct_equal>  
; Tests whether two IDL structures are 100% identical in value or no  
;  
;
```

```

; @Param
; s1 {in} {required} {type=IDL Structure}
; Any IDL Structure to compare to argument 's2'
;
; @Param
; s2 {in} {required} {type=IDL Structure}
; Any IDL Structure to compare to argument 's1'
;
; @Returns
; Boolean 0|1, 1 if the structures are identical in value, otherwise 0
;-
FUNCTION struct_equal, s1, s2
s1Names = tag_names(s1)
s2Names = tag_names(s2)
if ~array_equal(s1Names, s2Names) then return, 0
nTags = n_elements(s1Names)
for i = 0, nTags-1 do begin
    s1TagSize = size(s1.(i))
    s2TagSize = size(s2.(i))
    if ~array_equal(s1TagSize, s2TagSize) then return, 0
    ; Check for structure datatype
    if size(s1.(i), /TNAME) eq 'STRUCT' then begin
        if ~struct_equal(s1.(i), s2.(i)) then return, 0
        break
    endif
    if n_elements(s1.(i)) eq 1 then $
        if (s1.(i))[0] ne (s2.(i))[0] then return, 0
    if n_elements(s1.(i)) gt 1 then $
        if ~array_equal(s1.(i), s2.(i)) then return, 0
    ; Do nothing if both tags have no elements
endfor
return, 1 ; Arrays
END

```

I don't know what organization within the company is making decisions about which old contributed files are to be exposed on the website. I'm sure there is nothing restricted about this function, however.

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Subject: Re: The old Exelis/ITTVIS/RSI contrib directory  
 Posted by [andrewcool777](#) on Sun, 08 Oct 2017 00:11:17 GMT  
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Hi Wayne,

I have a copy of the User Contrib library that spans 2000-2006.

It's about 5MB as a Zip file, if you want a copy.

Andrew Cool (pm to [andrew@cool.id.au](mailto:andrew@cool.id.au))

On Saturday, 30 September 2017 04:58:14 UTC+9:30, wlandsman wrote:

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