
Subject: Re: Combing structures

Posted by [penteado](#) on Mon, 16 Aug 2010 19:50:40 GMT

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On Aug 16, 4:00 pm, Michael Williams <mjwilli...@gmail.com> wrote:

```
> function append_struct, tx, ty
>   tags = tag_names(tx)
>   s = 'tmp = create_struct("'" + tags[0] + "'", [tx.' + tags[0] + $
>     ', ty.' + tags[0] + '])'
>   void = execute(s)
>   for i = 1, n_elements(tags) - 1 do begin
>     s = 'tmp = create_struct(tmp, "'" + tags[i] + "'", [tx.' + tags[i] + $
>       ', ty.' + tags[i] + '])'
>     void = execute(s)
>   endfor
>   return, tmp
> end
```

That does not need to be so awkward. It could be done without execute, with just

```
function append_struct, tx, ty
  tags = tag_names(tx)
  tmp=create_struct(tags[0],[tx.(0),ty.(0)])
  for i = 1, n_elements(tags) - 1 do tmp=create_struct(tmp,tags[i],
[tx.(i),ty.(i)])
  return, tmp
end
```

This could be made in a slightly easier way in IDL 8. But I do not see a way to concatenate in one line as you want.
