Subject: Re: Python reader for IDL save files.
Posted by Thomas Pfaff on Thu, 02 Jun 2005 12:37:44 GMT

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> 2. The only problem I have thought of is how to represent arrays of IDL
> structures in Python. The one attempt I made at this was succesful, but
> the resulting data structures (lists of lists, I think) were very slow
> to work with. Has anyone worked on this problem?

Just by analogy, what about implementing arrays as lists and structs as
dictionaries? Then the syntax would be quite similar yet not completely
identical.

```
# IDL - an array
# python - a list
a = [1,2,3,4]
```

```
# IDL - an array of structs
b = [{a:1, b:3},{a:3, b:4}]
# python - a list of dictionaries
b = [{"a":1, "b":3},{"a":3, "b":4}]
```

```
#IDL
c = b[0].a
#python
c = b[0]["a"]
```

Cheers,

Thomas