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Subject: How to extract data from an anonymous structure into a float array?

Posted by [haili.wang](#) on Fri, 17 Mar 2006 23:38:11 GMT

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Hi IDL gurus,

I am new to the IDL world. Right now I am using DataMiner to get data from a SQL server. After using the GetRecord method (e.g. I ran: `apdata=oRS->GetRecord()` ), a record in the SQL table was in an anonymous structure. Then, if I ran:

```
IDL> help, apdata,/structure
```

I will get the details of this structure like this:

```
** Structure <1724960>, 502 tags, length=2008, data length=2006, refs=2:
```

```
AP_DATA_INDEX  INT      22425
L4_AP_300_NM   FLOAT    0.113780
L4_AP_301_NM   FLOAT    0.108723
L4_AP_302_NM   FLOAT    0.104307
```

```
.....
.....
```

I know it is easy to extract the filed names (the first column) to a string array by:

```
names = TAG_NAME(apdata)
```

But the question is: is there a function to extract the data part (the right column in the structure) into a FLOAT array?

Thanks for any hlep,  
Hai-Li

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