
Subject: DLM keyword processing

Posted by [Haje Korth](#) on Thu, 14 Oct 2004 11:53:48 GMT

[View Forum Message](#) <> [Reply to Message](#)

Good morning everyone,

I am working on a DLM project and have some trouble with the keyword processing. Below is the relevant code that results in my problem, which is: I want to call the routine from IDL as "geopack_recalc,tilt=xxx", so that xxx=999.0d on exit. This works fine if I define xxx before the call (e.g., xxx=0). Is there a way to avoid having to define xxx before the call? This is an output keyword only, so there should not be a need to set the variable before the call. Does anyone know how to do this?

Thanks for your help,

Haje

```
void IDL_CDECL geopack_recalc(int argc, IDL_VPTR argv[], char *argk)
{
extern init;

typedef struct {

IDL_KW_RESULT_FIRST_FIELD;

IDL_VPTR tilt;

} KW_RESULT;

static IDL_KW_PAR kw_pars[] = { IDL_KW_FAST_SCAN,

{"TILT" ,IDL_TYP_UNDEF,1,IDL_KW_OUT|IDL_KW_ZERO,0,IDL_KW_OFFSETOF(tilt)},

{NULL}

};

KW_RESULT kw;

double tilt;

IDL_ALLTYPES itilt;
```

```
IDL_KWProcessByOffset(argc,argv,argk,kw_pars,0,1,&kw);

tilt=999.0;

if (kw.tilt) {

itilt.d=tilt;

IDL_StoreScalar(kw.tilt, IDL_TYP_DOUBLE, &itilt);

}

init=1;

IDL_KW_FREE;

}
```
