
Subject: Re: DN's independent from Datatypes for ENVI-Mosaics

Posted by [R.Bauer](#) on Sat, 15 Nov 2003 16:34:00 GMT

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H. U. Zimmerer wrote:

- > I want to set the SEE_THROUGH_VALUE of an ENVI Mosaic I create with an
- > IDL-Program always to the DN of Black without writing a CASE-Statement
- > for the different Datatypes. Is there a way of doing it?

Yes,

this is a piece of code of the rewritten deftype routine from our library. But be careful with this. You should read this article:
http://www.dfanning.com/math_tips/double.html

```
type_var=SIZE(data_with_type,/TYPE)
```

```
result = MAKE_ARRAY(TYPE=type_var,SIZE(value_without_type,/dim)>1)  
result[*]=value_without_type
```

```
IF (SIZE(value_without_type,/DIM))[0] EQ 0 THEN result=result[0]
```

regards
Reimar

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a IDL library at Forschungszentrum Juelich

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html

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