
Subject: ATAN function with two ARGS

Posted by [Ben Tupper](#) on Mon, 05 Jun 2000 07:00:00 GMT

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Hello,

I have bumped into a conflict between the IDL documentation and IDL output.

From the IDL (5.2) docs, the optional argument Y is described as follows:

-----START

Y

An optional argument.

If this argument is supplied, ATAN returns the angle whose tangent is equal to Y/X. If both arguments are zero, the result is undefined.

-----END

So I tried the following...

IDL> help, ATAN(0.0,0.0)

<Expression> FLOAT = 0.00000

Uhoh! Is it me, or is it Monday morning syndrome?

Ben

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