Subject: Re: Yet another bug?? Posted by sjt on Wed, 24 May 1995 07:00:00 GMT

View Forum Message <> Reply to Message Phil (phil@peace.med.ohio-state.edu) wrote: : Sorry to keep posting but I've just started developing some useful : tools in IDL and it seems I run across a new 'bug' every day. Could : someone tell me the sense behind the following: : IDL> print, not 0 -1 : IDL> print, not 1 -2 : Shouldn't (not 0) = 1 and (not 1) = 0 or am i just missing something? : Is there somehting in the manuals that describes this logic? : Just wondering. The answers are perfectly correct 0 is in hex 0000 and so (not 0) is ffff which is -1, and not 1 will be fffe or -2. It's a bitwise operation, often useful but occasionally infuriating (e.g. if you want to use the negation of something you've just calculated as a value of a set/unset keyword) if you want the logical operation then you should and the entire expression with 1 e.g. IDL>print, (not 0) and 1 IDL>print, (not 1) and 1 Phil Williams : Postdoctoral Researcher "One man gathers what another man spills..." : MRI Facility -The Grateful Dead The Ohio State University email: phil@peace.med.ohio-state.edu URL: http://justice.med.ohio-state.edu:1525

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Page 2 of 2 ---- Generated from comp.lang.idl-pvwave archive