
Subject: envi_evf_define_add_record problem (possible output format/rounding issue)

Posted by [Jonathan Greenberg](#) on Wed, 10 Oct 2007 20:26:24 GMT

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I'm passing an array of UTM points ("COOR_POINTS"), double numerical precision, to envi_evf_define_add_record to create an EVF file. However, I'm noticing there seems to be some rounding going on in my final EVF file, and I'm getting duplicated nodes (I'm outputting a polygon ellipse with 360 nodes per polygon). How do I get the output statement to stop rounding off to, what appears to be, 1 or 2 decimal places?

I know this forum isn't specifically for ENVI, but I'm thinking the problem is that when I pass the array to the envi function, I need to specify some output format for the double numbers for it to work properly (although I'm not sure what this is) -- when I "print,COOR_POINTS" array, it displays the coordinates to one or two decimals (and some appear replicated), although when I do a "print,COOR_POINTS[A,0] eq COOR_POINTS[B,0]", I get a 0 (column 0 indicates the x-position, and displays as the same number) -- A and B represent two nodes which should be marginally different, but appear as the exact same x and y pos in the output evf file and also using a print command.

--j
