View Forum Message <> Reply to Message B = Finite(A)is what I wanted. Wow, that was extremely easy. Thanks a lot you two! Oliver On Monday, 18 November 2013 09:57:53 UTC+1, alx wrote: > Le lundi 18 novembre 2013 08:51:09 UTC+1, Oliver Angelil a écrit : > >> I have an array: > >> > >> > >> > >> A =MAKE_ARRAY(4000, 120, 60, 3, /FLOAT, VALUE =!VALUES.F_NaN) > >> > >> > >> >> It consists of numbers between 0 and 1 as well as NaN values. I want to make a binary array from this, such that when an element is NaN, it'll be 0 in the binary array, and when it is a number between 0 and 1, it'll be 1 in the binary array. >> > >> > >> > >> Perhaps there is a quick solution which I have not found yet? >> > >> > >> >

Subject: Re: Array into binary array

Posted by Oliver Angelil on Mon, 18 Nov 2013 09:08:52 GMT

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>> Thanks in advance,
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>
>> Oliver
>
>
  This is the purpose of the FINITE function. From IDL documentation:
>
>
>
>
> "Returns 1 (True) if its argument is finite. If the argument is infinite or not a defined number
(NaN), the FINITE function returns 0 (False). The result is a byte expression of the same structure
as the argument X."
>
>
  Then, you can simply write:
  IDL> A =MAKE_ARRAY(4000, 120, 60, 3, /FLOAT, VALUE =!VALUES.F_NaN)
>
  ... populate A ...
> IDL> B = Finite(A)
  use B ...
>
>
> alx.
```