
Subject: Re: Filtering out NaNs

Posted by [f055](#) on Thu, 20 Mar 1997 08:00:00 GMT

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-> |> There are some NaNs in my data which keep making my code fall over.

-> |> I'd like to either filter them out or avoid them in the calculation,

-> |> but doing something like

-> |>

-> |> a(where(a eq !values.f_nan) = missing_flag

-> |>

-> |> doesn't work. Does anyone have any suggestions?

-> |>

->

-> NaNs are characterized by the fact that they are *not* equal

-> to any number (that's what it says, isn't it :-)

->

-> In fact, it's not even equal to itself - and this is the distinguishing

-> feature that must be used to pick them out. I.e.,

->

-> a(where(a ne a)) = missing_flag

->

Somewhat less confusing, perhaps, to someone who later tries to debug/modify
your code might be:

a(where(finite(a) eq 0)) = missing_flag

finite returns true (ne 0) only for numbers and not for things that are
"Not a Number" (or is it "Not a Numerical Quantity" = NanQ ?)

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