
Subject: Re: Inconsistency: "sort" on UNIX <-> Windows

Posted by [R.Bauer](#) on Fri, 04 Aug 2000 07:00:00 GMT

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here is another sort method from our library too.

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_source/idl_html/dbase/download/n_sort.tar.gz

```
; NAME:
;   n_sort
;
; PURPOSE:
;   sort an array according to n columns
;
; CATEGORY:
;   MATH
;
; CALLING SEQUENCE:
;   result=n_sort(matrix)
;
; INPUTS:
;   matrix : the input matrix, which shoul be sorted
;
; KEYWORD PARAMETERS:
;   INDEX: a vector of column numbers (default: indgen(number of
columns))
;         it defines the order of the columns, how the matrix will be
sorted
;
;   DECREASING_ORDER: the matrix will be sorted decreasingly
;
; OUTPUTS:
;   j_index: the vector of sorted line numbers
;
; EXAMPLE:
;   matrix = [[ 2, 3, 4 ], $
;             [ 1, 4, 6 ], $
;             [ 1, 4, 5 ]]
;   j_index=n_sort(matrix)
;   j_index=[2,1,0]
;
;   matrix = [[ 1, 4, 5 ], $
;             [ 1, 4, 6 ], $
;             [ 2, 3, 4 ]]
;   j_index=n_sort(matrix,index=[1,0,2])
;   j_index=[2,0,1]
```

Reimar Bauer
