NAME
>   dcopy – Double-precision vector copy

SYNOPSIS
>   Fortran (77, 90, 95, HPF):
>> **f77** *[flags] file(s) . . . -L/usr/local/lib -lgjl*
>>> **SUBROUTINE dcopy(n,dx,incx,dy,incy)**
>>> **DOUBLE PRECISION   dx(*),   dy(*)**
>>> **INTEGER   incx,   incy,   n**
>
>   C (K&R, 89, 99), C++ (98):
>> **cc** *[flags] -I/usr/local/include file(s) . . . -L/usr/local/lib -lgjl*
>> Use
>>> **#include <gjl.h>**
>> to get this prototype:
>>> **void dcopy(const fortran_integer * n_,   fortran_double_precision dx_[],**
>>> **const fortran_integer * incx_,   fortran_double_precision dy_[],   const**
>>> **fortran_integer * incy_);**
>
>   NB: The definition of C/C++ data types **fortran_** *xxx*, and the mapping of Fortran external names to C/C++ external names, is handled by the C/C++ header file. That way, the same function or subroutine name can be used in C, C++, and Fortran code, independent of compiler conventions for mangling of external names in these programming languages.
>
>   Last code modification: 11-Mar-1978

DESCRIPTION
>   Copy **n** elements of a vector **dx**(*) to a vector **dy**(*), starting at index 1, and then stepping with increments **incx** and **incy**, respectively.
>
>   Use unrolled loops for increments equal to one.
>
>   This is a LINPACK BLAS Level 1 primitive, with revised header comments.

AUTHORS
>   The algorithms and code are described in detail in the paper
>>   *Algorithm xxx: Quadruple-Precision Gamma(x) and psi(x) Functions for Real Arguments*
>   in ACM Transactions on Mathematical Software, Volume ??, Number ??, Pages ????--???? and ????--????, 2001, by

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