Z01ADFP

NAG Parallel Library Routine Document

Note: Before using this routine, please read the Users' Note for your implementation to check for implementation-dependent details.

1 Description

Warning: This routine is implementation specific. Unless your implementation of the NAG Parallel Library utilises PVM for message passing you must not reference this routine.

Z01ADFP is called in more sophisticated applications where the user is not relying on the NAG Parallel Library mechanism to create processes to be used by the BLACS (see [1]). This feature allows multigridding (although only one logical processor grid may be used for NAG Parallel Library routines at any one time). Z01ADFP must be called before the **first** call to Z01AAFP, otherwise it has no effect.

2 Specification

```
SUBROUTINE Z01ADFP()
```

3 Data Distribution

3.1 Definitions

None.

3.2 Global and Local Arguments

None.

4 Arguments

None.

5 Errors and Warnings

None.

6 Further Comments

If the user sets up processes to be used by the BLACS without using the NAG Parallel Library mechanism provided by Z01AAFP and fails to call Z01ADFP before Z01AAFP, then Z01AAFP will exit with an error message.

7 References

[1] Dongarra J J and Whaley R C (1995) A users' guide to the BLACS v1.0. *LAPACK Working Note 94 (Technical Report CS-95-281)* Department of Computer Science, University of Tennessee, 107 Ayres Hall, Knoxville, TN 37996-1301, USA.
URL: http://www.netlib.org/lapack/lawns/lawn94.ps