

NAG Toolbox for MATLAB

x04ad

1 Purpose

x04ad closes a file associated with a given Fortran unit number.

2 Syntax

```
[ifail] = x04ad(iounit)
```

3 Description

x04ad is especially useful if the calling language is not Fortran. It closes a file associated with a given Fortran unit number.

4 References

None.

5 Parameters

5.1 Compulsory Input Parameters

1: **iounit** – int32 scalar

The Fortran unit number which identifies the file to be closed.

5.2 Optional Input Parameters

None.

5.3 Input Parameters Omitted from the MATLAB Interface

None.

5.4 Output Parameters

1: **ifail** – int32 scalar

0 unless the function detects an error (see Section 6).

6 Error Indicators and Warnings

Errors or warnings detected by the function:

ifail = 1

Failure to close the file.

7 Accuracy

Not applicable.

8 Further Comments

None.

9 Example

```
iounit = int32(4);  
[ifail] = x04ad(iounit)  
  
ifail =  
      0
```
