

NAG Toolbox for MATLAB

x04ba

1 Purpose

x04ba writes a single formatted record to an external file.

2 Syntax

```
x04ba(nout, rec)
```

3 Description

x04ba is used by NAG Fortran Library functions to write formatted records to an external file. All formatted output to an external file from NAG Fortran Library functions is performed by calls to x04ba.

4 References

None.

5 Parameters

5.1 Compulsory Input Parameters

1: **nout** – int32 scalar

The Fortran unit number which identifies the file to be written to. If **nout** < 0 (not a valid Fortran unit number), then no output occurs. Within the NAG Fortran Library **nout** is always determined by a call to x04aa or x04ab.

2: **rec** – string

A character-string. This is written to the external file as a single record. Trailing blanks are not output, except that if **rec** is entirely blank, a single blank character is output. If the record is printed, the first character is treated as a carriage-control character.

5.2 Optional Input Parameters

None.

5.3 Input Parameters Omitted from the MATLAB Interface

None.

5.4 Output Parameters

None.

6 Error Indicators and Warnings

None.

7 Accuracy

Not applicable.

8 Further Comments

None.

9 Example

```
nout = int32(6);  
rec = ' This record was output by X04BAF      ' ;  
x04ba(nout, rec);
```

```
This record was output by X04BAF
```
