

NAG Toolbox for MATLAB

x02bl

1 Purpose

x02bl returns the maximum exponent parameter $e_{\max}$ of the model of floating-point arithmetic described in the X02 Chapter Introduction.

2 Syntax

```
[result] = x02bl()
```

3 Description

None.

4 References

None.

5 Parameters

5.1 Compulsory Input Parameters

None.

5.2 Optional Input Parameters

None.

5.3 Input Parameters Omitted from the MATLAB Interface

None.

5.4 Output Parameters

1: **result** – int32 scalar

The result of the function.

6 Error Indicators and Warnings

None.

7 Accuracy

None.

8 Further Comments

None.

9 Example



```
[result] = x02bl()
```

```
result =  
    1024
```
