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Identification

The EPL built-in Functions hbound and lbound
hbound_, lbound_
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Purpose

The built-in functions hbound and lbound get the upper and lower bound, respectively, of one dimension of an array. They are described in the PL/I manual, IBM form C28-6571-3, p. 155. The procedures described here may be called by the compiled code to evaluate these functions.

Usage

The calls are:

```
call lbound_ (array, dimension, i);  
call hbound_ (array, dimension, i);
```

Array is any kind of array with any number of dimensions. Dimensions is a dimension number. i is where the result is to be stored.

The above calls are equivalent to the PL/I statements

```
i = lbound (array, dimension);  
i = hbound (array, dimension);
```

Suitable declarations for i and dimension are:

```
dcl (i, dimension) fixed bin (35);
```