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java.util

Interface Enumeration

```
public interface Enumeration
```

An object that implements the Enumeration interface generates a series of elements, one at a time. Successive calls to the nextElement method return successive elements of the series.

For example, to print all elements of a vector *v*:

```
for (Enumeration e = v.elements(); e.hasMoreElements();) {
    System.out.println(e.nextElement());
}
```

Methods are provided to enumerate through the elements of a vector, the keys of a hashtable, and the values in a hashtable.

Since:

JDK1.0, CLDC 1.0

Version:

12/17/01 (CLDC 1.1)

See Also:

nextElement(), Hashtable, Hashtable.elements(), Hashtable.keys(), Vector,
Vector.elements()

Method Summary

Modifier and Type Method and Description boolean hasMoreElements() Tests if this enumeration contains more elements. Object nextElement() Returns the next element of this enumeration if this enumeration object has at least one more element to provide.

Method Detail

hasMoreElements

boolean hasMoreElements()

Tests if this enumeration contains more elements.

Returns:

true if and only if this enumeration object contains at least one more element to provide; false otherwise.

nextElement

Object nextElement()

Returns the next element of this enumeration if this enumeration object has at least one more element to provide.

Returns:

the next element of this enumeration.

Throws:

NoSuchElementException - if no more elements exist.

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