System.Collections.Generic.Dictionary<TKey, TValue>.ValueCollection.Enumerator Structure

```
[ILAsm]
.class sequential sealed nested public serializable
System.Collections.Generic.Dictionary`2/ValueCollection/Enumerator<TKey,TV
alue> extends System.ValueType implements
System.Collections.Generic.IEnumerator`1<!0>, System.IDisposable,
System.Collections.IEnumerator

[C#]
public struct Dictionary<TKey,TValue>.ValueCollection.Enumerator:
IEnumerator<TValue>, IDisposable, IEnumerator
```

Assembly Info:

- *Name:* mscorlib
- *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00]
- *Version:* 2.0.x.x
- *Attributes:*
    - o CLSCompliantAttribute(true)

Implements:

- **System.IDisposable**
- **System.Collections.IEnumerator**
- **System.Collections.Generic.IEnumerator<TValue>**

Summary

Enumerates the elements of a value collection.

Inherits From: System.ValueType

Library: BCL

Thread Safety: Static members of this type are thread safe. Any instance members are not guaranteed to be thread safe.

Description

If the underlying dictionary is modified, or the value of any key in that dictionary is modified, the behavior of the enumerator is unspecified.

For information on the behavior of enumerators, see the Description section of System.Collections.Generic.IEnumerator<T>.

1
2   Default implementations of collections in `System.Collections.Generic` are not
3   synchronized.

4

Dictionary<TKey,TValue>.ValueCollection.Enumerator.Dispose() Method

```
[ILAsm]
.method public hidebysig void Dispose()


[C#]
public void Dispose()
```

Summary

This method is implemented to support the `System.IDisposable` interface.

Dictionary<TKey,TValue>.ValueCollection.Enumerator.MoveNext() Method

```
[ILAsm]
.method public hidebysig bool MoveNext()


[C#]
public bool MoveNext()
```

Summary

This method is implemented to support the `System.Collections.IEnumerator` and `System.Collections.Generic.IEnumerator<T>` interfaces.

Dictionary<TKey,TValue>.ValueCollection.Enumerator.System.Collections.IEnumerator.Reset() Method

```
[ILAsm]
.method private hidebysig virtual final void
System.Collections.IEnumerator.Reset()


[C#]
void IEnumerator.Reset()
```

Summary

This method is implemented to support the `System.Collections.IEnumerator` interface.

Dictionary<TKey,TValue>.ValueCollection.Enumerator.Current Property

```
[ILAsm]
.property !0 Current { public hidebysig specialname !1 get_Current() }


[C#]
public TValue Current { get; }
```

Summary

This read-only property is implemented to support the
`System.Collections.Generic.IEnumerator<T>` interface.

Dictionary<TKey,TValue>.ValueCollection.Enumerator.System.Collections.IEnumerator.Current Property

```
[ILAsm]
.property object System.Collections.IEnumerator.Current { private
hidebysig virtual final specialname object get_Current() }


[C#]
object IEnumerator.Current { get; }
```

Summary

This read-only property is implemented to support the
System.Collections.IEnumerator interface.