System.Collections.DictionaryEntry Structure

```
[ILASM]
.class public sequential sealed serializable
DictionaryEntry extends System.ValueType


[C#]
public struct DictionaryEntry
```

Assembly Info:

- *Name:* mscorlib
- *Public Key:* [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00]
- *Version:* 1.0.x.x
- *Attributes:*
    - CLSCompliantAttribute(true)

Summary

Represents a dictionary entry consisting of a
System.Collections.DictionaryEntry.Key and an associated
System.Collections.DictionaryEntry.Value.

Inherits From: System.ValueType

Library: BCL

Thread Safety: All public static members of this type are safe for multithreaded operations. No instance members are guaranteed to be thread safe.

Description

[*Note:* Some types that manage or access collections of objects, such
as **System.Collections.Hashtable** and
System.Collections.IDictionaryEnumerator, rely on the use of one
or more pairs of a key object and an associated value object.
System.Collections.DictionaryEntry provides this functionality.

This structure supports the C# **foreach** semantics for
System.Collections.Hashtable.]

DictionaryEntry(System.Object, System.Object) Constructor

```
[ILASM]
public rtspecialname specialname instance void .ctor(object
key, object value)

[C#]
public DictionaryEntry(object key, object value)
```

Summary

Constructs and initializes a new instance of the
System.Collections.DictionaryEntry class with the specified key
and value objects.

Parameters

Parameter	Description
key	The **System.Object** defined to reference a dictionary entry.
value	The **System.Object** that contains the content associated with *key*.

Exceptions

Exception	Condition
System.ArgumentNullException	*key* is **null**.

DictionaryEntry.Key Property

```
[ILASM]
.property object Key { public hidebysig specialname
instance object get_Key() public hidebysig specialname
instance void set_Key(object value) }


[C#]
public object Key { get; set; }
```

Summary

Gets or sets an object representing the key of the current
System.Collections.DictionaryEntry.

Property Value

A **System.Object** representing the key of the current
System.Collections.DictionaryEntry.

DictionaryEntry.Value Property

```
[ILASM]
.property object Value { public hidebysig specialname
instance object get_Value() public hidebysig specialname
instance void set_Value(object value) }


[C#]
public object Value { get; set; }
```

Summary

Gets or sets an object representing the content of the current
System.Collections.DictionaryEntry.

Property Value

A **System.Object** representing the content of the current
System.Collections.DictionaryEntry.