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C# ⌄   ⊕   ✏   ⋮

Keyboard.IsKeyDown(Key) Method

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Definition

Namespace: System.Windows.Input

Assembly: PresentationCore.dll

Determines whether the specified key is pressed.

```
C#                                                        📋 Copy

public static bool IsKeyDown (System.Windows.Input.Key key);
```

Parameters

key   Key

The specified key.

Returns

Boolean

`true` if `key` is in the down state; otherwise, `false`.

Examples

The following example shows how to use the IsKeyDown method to determine the state of a specific key. The Return key is passed to the IsKeyDown method. If the method returns `true`, the background of a Button is changed.

```
C#                                                        📋 Copy

// Uses the Keyboard.IsKeyDown to determine if a key is down.
// e is an instance of KeyEventArgs.
if (Keyboard.IsKeyDown(Key.Return))
{
    btnIsDown.Background = Brushes.Red;
}
else
{
    btnIsDown.Background = Brushes.AliceBlue;
}
```

Remarks

The GetKeyStates method can be used to determine the set of states of a specific key.

Applies to

Product	Versions
.NET Framework	3.0, 3.5, 4.0, 4.5, 4.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8, 4.8.1
Windows Desktop	3.0, 3.1, 5, 6, 7, 8, 9

See also

- KeyEventArgs
- IsDown