🏠   WiX managed SDK   WixToolset.Dtf.WindowsInstaller namespace   CustomActionData Class

CustomActionData Class

Contains a collection of key-value pairs suitable for passing between immediate and deferred/rollback/commit custom actions.

Methods

Method	Description
Add(key, value)	Adds a key and value to the data collection.
Clear()	Removes all items from the data.
ContainsKey(key)	Determines whether the data contains an item with the specified key.
GetEnumerator()	Returns an enumerator that iterates through the collection.
Remove(key)	Removes the item with the specified key from the data.
ToString()	Gets a string representation of the data suitable for persisting in a property.

Properties

Property	Description
Count	Gets the number of items in the data.
IsReadOnly	Gets a value indicating whether the data is read-only.
Item	Gets or sets a data value with a specified key.
Keys	Gets a collection object containing all the keys of the data.
Values	Gets a collection containing all the values of the data.

Fields

Field	Description
PropertyName	"CustomActionData" literal property name.

Remarks

Call the «see M:WixToolset.Dtf.WindowsInstaller.CustomActionData.ToString» method to get a string suitable for storing in a property and reconstructing the custom action data later.

See also

- P:WixToolset.Dtf.WindowsInstaller.Session.CustomActionData

- M:WixToolset.Dtf.WindowsInstaller.Session.DoAction(System.String,WixToolset.Dtf.WindowsInstaller.CustomActionData)

  `WixToolset.Dtf.WindowsInstaller.dll` version `4.0.2+644ed0118bae1aa885bb6cc906dc6c0b904de4d9`

Add(key, value) Method

Adds a key and value to the data collection.

Declaration

```
public void Add(
    string key,
    string value
)
```

Parameters

Parameter	Type	Description
key	string	Case-sensitive data key.
value	string	Data value (may be null).

Exceptions

Exception	Description
T:System.ArgumentException	the key does not consist solely of letters,
numbers, and the period, underscore, and space characters.	

Clear() Method

Removes all items from the data.

Declaration

```
public void Clear()
```

ContainsKey(key) Method

Determines whether the data contains an item with the specified key.

Declaration

Parameters

```
public bool ContainsKey(
    string key
)
```

Return value

`bool` true if the data contains an item with the key; otherwise, false

GetEnumerator() Method

Returns an enumerator that iterates through the collection.

Declaration

```
public IEnumerator<System.Collections.Generic.KeyValuePair`2<System.String,System.String>> GetEnumerator()
```

Return value

`IEnumerator<System.Collections.Generic.KeyValuePair`2<System.String,System.String>>` An enumerator that can be used to iterate through the collection.

Remove(key) Method

Removes the item with the specified key from the data.

Declaration

```
public bool Remove(
    string key
)
```

Parameters

Parameter	Type	Description
key	string	Case-sensitive data key.

Return value

`bool` true if the item was successfully removed from the data; false if an item with the specified key was not found

ToString() Method

Gets a string representation of the data suitable for persisting in a property.

Declaration

```
public string ToString()
```

`string` Data string in the form "Key1=Value1;Key2=Value2"

Count Property

Gets the number of items in the data.

Declaration

```
public int Count { get; set; }
```

IsReadOnly Property

Gets a value indicating whether the data is read-only.

Declaration

```
public bool IsReadOnly { get; set; }
```

Item Property

Gets or sets a data value with a specified key.

Declaration

```
public string Item[
    string key
] { get; set; }
```

Parameters

Parameter	Type	Description
key	string	Case-sensitive data key.

Exceptions

Exception	Description
T:System.ArgumentException	the key does not consist solely of letters,
numbers, and the period, underscore, and space characters.	

Keys Property

Gets a collection object containing all the keys of the data.

Declaration

```
public System.Collections.Generic.ICollection<System.String> Keys { get; set; }
```

Values Property

Gets a collection containing all the values of the data.

Declaration

```
public System.Collections.Generic.ICollection<System.String> Values { get; set; }
```