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

FeatureInfo Class

Provides access to information about a feature within the context of an installation session.

Methods

Method	Description
GetCost(includeParents, includeChildren, installState)	Calculates the disk space required by the feature and its selected children and parent features.

Properties

Property	Description
Attributes	Gets or sets the attributes of the feature.
CurrentState	Gets the current install state of the feature.
Description	Gets the description of the feature.

Property	Description
Name	Gets the name of the feature (primary key in the Feature table).
RequestState	Gets or sets the action state of the feature.
Title	Gets the title of the feature.
ValidStates	Gets a list of valid installation states for the feature.

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

GetCost(includeParents, includeChildren, installState) Method

Calculates the disk space required by the feature and its selected children and parent features.

Declaration

```
public System.Int64 GetCost(
    bool includeParents,
    bool includeChildren,
    InstallState installState
)
```

Parameters

Parameter	Type	Description
includeParents	bool	If true, the parent features are included in the cost.
includeChildren	bool	If true, the child features are included in the cost.
installState	InstallState	Specifies the installation state.

Return value

`System.Int64` The disk space requirement in bytes.

Remarks

Win32 MSI API: MsiGetFeatureCost

Attributes Property

Gets or sets the attributes of the feature.

Declaration

```
public FeatureAttributes Attributes { get; set; }
```

Win32 MSI APIs: MsiGetFeatureInfo , MsiSetFeatureAttributes Since the lpAttributes paramter of MsiGetFeatureInfo does not
contain an equivalent flag for «see F:WixToolset.Dtf.WindowsInstaller.FeatureAttributes.UIDisallowAbsent» , this flag will not be
retrieved. Since the dwAttributes parameter of MsiSetFeatureAttributes does not contain an equivalent flag for «see
F:WixToolset.Dtf.WindowsInstaller.FeatureAttributes.UIDisallowAbsent» , the presence of this flag will be ignored.

Exceptions

Exception	Description
T:WixToolset.Dtf.WindowsInstaller.InvalidHandleException	the Session handle is invalid
T:System.ArgumentException	an unknown feature was requested

CurrentState Property

Gets the current install state of the feature.

Declaration

```
public InstallState CurrentState { get; set; }
```

Remarks

Win32 MSI API: MsiGetFeatureState

Exceptions

Exception	Description
T:WixToolset.Dtf.WindowsInstaller.InvalidHandleException	the Session handle is invalid
T:System.ArgumentException	an unknown feature was requested

Description Property

Gets the description of the feature.

Declaration

```
public string Description { get; set; }
```

Remarks

Win32 MSI API: MsiGetFeatureInfo

Exceptions

Exception	Description
T:WixToolset.Dtf.WindowsInstaller.InvalidHandleException	the Session handle is invalid
T:System.ArgumentException	an unknown feature was requested

Name Property

Gets the name of the feature (primary key in the Feature table).

Declaration

```
public string Name { get; set; }
```

RequestState Property

Gets or sets the action state of the feature.

Declaration

```
public InstallState RequestState { get; set; }
```

Remarks

When changing the feature action, the action state of all the Components linked to the changed Feature records are also updated appropriately, based on the new feature Select state. All Features can be configured at once by specifying the keyword ALL instead of a specific feature name. Win32 MSI APIs: MsiGetFeatureState , MsiSetFeatureState

Exceptions

Exception	Description
T:WixToolset.Dtf.WindowsInstaller.InvalidHandleException	the Session handle is invalid
T:System.ArgumentException	an unknown feature was requested

Title Property

Gets the title of the feature.

Declaration

```
public string Title { get; set; }
```

Remarks

Win32 MSI API: MsiGetFeatureInfo

Exceptions

Exception	Description
T:WixToolset.Dtf.WindowsInstaller.InvalidHandleException	the Session handle is invalid
T:System.ArgumentException	an unknown feature was requested

ValidStates Property

Gets a list of valid installation states for the feature.

Declaration

```
public System.Collections.Generic.ICollection<WixToolset.Dtf.WindowsInstaller.InstallState> ValidStates {
get; set; }
```

Remarks

Win32 MSI API: MsiGetFeatureValidStates

Exceptions

Exception	Description
T:WixToolset.Dtf.WindowsInstaller.InvalidHandleException	the Session handle is invalid
T:System.ArgumentException	an unknown feature was requested