

DnsDeviceEndPoint Members

Namespace: IPS7Lnk.Advanced

Assemblies: IPS7LnkNet.Advanced.dll, IPS7LnkNet.Advanced.dll

The [DnsDeviceEndPoint](#) type exposes the following members.

Constructors

DnsDeviceEndPoint(String)

Initializes a new instance of the [DnsDeviceEndPoint](#) class with the specified [hostName](#).

C#

```
public DnsDeviceEndPoint(string hostName)
```

Parameters

[hostName](#) [String](#)

The string representation of the host name or IP address of the endpoint.

Exceptions

[ArgumentException](#)

The [hostName](#) is equal to [Empty](#).

[ArgumentNullException](#)

The [hostName](#) is a null reference (Nothing in Visual Basic).

[FormatException](#)

The [hostName](#) is an invalid string representation of an [IPAddress](#).

DnsDeviceEndPoint(String, Int32)

Initializes a new instance of the [DnsDeviceEndPoint](#) class with the specified [hostName](#) and [rack](#) number.

C#

```
public DnsDeviceEndPoint(string hostName, int rack)
```

Parameters

[hostName](#) [String](#)

The string representation of the host name or IP address of the endpoint.

[rack](#) [Int32](#)

The rack number associated with the `hostName`.

Exceptions

ArgumentException

The `hostName` is equal to `Empty`.

ArgumentNullException

The `hostName` is a null reference (Nothing in Visual Basic).

ArgumentOutOfRangeException

The `rack` is out of the bounds defined by `MinRack` or `MaxRack`.

FormatException

The `hostName` is an invalid string representation of an `IPAddress`.

DnsDeviceEndPoint(String, Int32, Int32)

Initializes a new instance of the `DnsDeviceEndPoint` class with the specified `hostName`, `rack` number and `slot` number.

C#

```
public DnsDeviceEndPoint(string hostName, int rack, int slot)
```

Parameters

`hostName` `String`

The string representation of the host name or IP address of the endpoint.

`rack` `Int32`

The rack number associated with the `hostName`.

`slot` `Int32`

The slot number associated with the `hostName`.

Exceptions

ArgumentException

The `hostName` is equal to `Empty`.

ArgumentNullException

The `hostName` is a null reference (Nothing in Visual Basic).

ArgumentOutOfRangeException

The `rack` or `slot` is out of the bounds defined by `MinRack`, `MaxRack`, `MinSlot` or `MaxSlot`.

FormatException

The `hostName` is an invalid string representation of an `IPAddress`.

Properties

Address

Gets or sets the IP address of the endpoint.

C#

```
public override IPAddress Address { get; set; }
```

Property Value

`IPAddress`

An instance of the `IPAddress` class containing the IP address of the endpoint.

Exceptions

`ArgumentNullException`

The value is a null reference (Nothing in Visual Basic).

HostName

Gets or sets the host name or IP address of the endpoint.

C#

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

Property Value

`String`

An string representing the host name or IP address of the endpoint.

Exceptions

`ArgumentException`

The value is equal to `Empty`.

`ArgumentNullException`

The value is a null reference (Nothing in Visual Basic).

`FormatException`

The value is an invalid string representation of an [IPAddress](#).

Methods

DiscardResolvedAddress()

Discards any so far resolved [Address](#) information using the [HostName](#).

C#

```
public void DiscardResolvedAddress()
```

GetHashCode()

Returns a hash value for an endpoint.

C#

```
public override int GetHashCode()
```

Returns

[Int32](#)

An integer hash value.

ToString()

Returns a string that represents the current [DnsDeviceEndPoint](#).

C#

```
public override string ToString()
```

Returns

[String](#)

A string that represents the current [DnsDeviceEndPoint](#).

Table of Contents

Constructors	1
DnsDeviceEndPoint(String)	1
DnsDeviceEndPoint(String, Int32)	1
DnsDeviceEndPoint(String, Int32, Int32)	2
Properties	3
Address	3
HostName	3
Methods	4
DiscardResolvedAddress()	4
GetHashCode()	4
ToString()	4

