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# QTable`1 Class

Represents one table in a LINQ-queryable Database.

## Methods

Method	Description
<a href="#">GetEnumerator()</a>	Enumerates over all records in the table.
<a href="#">NewRecord()</a>	Creates a new record that can be inserted into this table.

## Properties

Property	Description
<a href="#">Database</a>	Gets the database this table is associated with.
<a href="#">TableInfo</a>	Gets schema information about the table.

## Remarks

This class is the primary gateway to all LINQ to MSI query functionality. The TRecord generic parameter may be the general «see T:WixToolset.Dtf.WindowsInstaller.Linq.QRecord» class, or a specialized subclass of QRecord.

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

## GetEnumerator() Method

Enumerates over all records in the table.

### Declaration

```
public IEnumerable<TRecord> GetEnumerator()
```

## NewRecord() Method

Creates a new record that can be inserted into this table.

### Declaration

```
public TRecord NewRecord()
```

## Return value

`TRecord` a record with all fields initialized to null

## Remarks

Primary keys and required fields must be filled in with non-null values before the record can be inserted. The record is tied to this table in this database; it cannot be inserted into another table or database.

## Database Property

Gets the database this table is associated with.

## Declaration

```
public QDatabase Database { get; set; }
```

## TableInfo Property

Gets schema information about the table.

## Declaration

```
public WixToolset.Dtf.WindowsInstaller.TableInfo TableInfo { get; set; }
```