

.NET TECHNOLOGIES





.NET Technologies - Lecture 13

Presented by: Drashti Shrimal

UNIT 3: Topics in this presentation

Topics:

- XML document functions
- Code for creating xml sheet using .NET



Introduction

- XML stands for eXtensible Markup Language.
- XML was designed to store and transport data.
- XML was designed to be both human- and machine-readable

XML Functions

- `Server.MapPath :`

`MapPath` specifies the relative or virtual path to map to a physical directory. `Server.MapPath(".")` returns the current physical directory of the file (e.g. `aspx`) being executed.

- `File.Exists:`

The `exists()` function is a part of `File` class in Java . This function determines whether the is a file or directory denoted by the abstract filename exists or not. The function returns true if the abstract file path exists or else returns false.

XML Functions

- **XMLDocument:**

Represents an XML document. You can use this class to load, validate, edit, add, and position XML in a document.

- **XmlElement:**

Creates an empty element with tags mentioned in parameter.

- **XmlText:**

This class represents a text node in an XML document. XmlText is derived from the XmlCharacterData class, and contains the text content of an element.

XML Functions

- AppendChild:

Adds the specified node to the end of the list of child nodes, of this node.

- XmlTextWriter :

The XmlTextWriter class allows you to write XML to a file.

- WriteStartDocument:

The WriteStartDocument method starts a new document with XML headers.

XML Functions

- **WriteStartElement:**

Creates a tag for xml document with specified name.

- **WriteElementString:**

Creates a tag for xml document with specified name and content.

- **WriteEndElement:**

Closes the latest open tag.

Note : Refer code from practical sheet.