



# **SNS COLLEGE OF TECHNOLOGY**

**Coimbatore-37.**

**An Autonomous Institution**



**COURSE NAME : 19CSE301-INTRODUCTION TO DATA SCIENCE**

**III YEAR/ VI SEMESTER**

**UNIT –XML & XSLT**

**Topic: Introduction to XML**

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# XML Namespace

- XML **Namespace** is used *to avoid element name conflict* in XML document.
- XML Namespace Declaration
- An XML namespace is declared using the reserved XML attribute. This attribute name must be started with "xmlns". Let's see the XML namespace syntax:
- **<element xmlns:name = "URL">**
- Here, namespace starts with keyword "**xmlns**". The word **name** is a namespace prefix. The **URL** is a namespace identifier.



# Example

```
<?xml version="1.0" encoding="UTF-8"?>  
<cont:contact xmlns:cont="http://sssit.org/contact-us">  
  <cont:name>Vimal Jaiswal</cont:name>  
  <cont:company>SSSIT.org</cont:company>  
  <cont:phone>(0120) 425-6464</cont:phone>  
</cont:contact>
```



# Default Namespace

- The default namespace is used in the XML document to save you from using prefixes in all the child elements.
- The only difference between default namespace and a simple namespace is that: There is no need to use a prefix in default namespace.
- You can also use multiple namespaces within the same document just define a namespace against a child node



# Example

```
<tutorials xmlns="http://www.javatpoint.com/java-tutorial">  
  <tutorial>  
    <title>Java-tutorial</title>  
    <author>Sonoo Jaiswal</author>  
  </tutorial>  
  ...  
</tutorials>
```



Thank  
You