**XML Parser**

The [XML DOM (Document Object Model)](https://www.w3schools.com/xml/dom_intro.asp) defines the properties and methods for accessing and editing XML.

However, before an XML document can be accessed, it must be loaded into an XML DOM object. All modern browsers have a built-in XML parser that can convert text into an XML DOM object.

Parsing a Text String: This example parses a text string into an XML DOM object, and extracts the info from it with JavaScript:

<html>  
<body>  
  
<p id="demo"></p>  
  
<script>  
var text, parser, xmlDoc;  
  
text = "<bookstore><book>" +  
"<title>Everyday Italian</title>" +  
"<author>Giada De Laurentiis</author>" +  
"<year>2005</year>" +  
"</book></bookstore>";

parser = new DOMParser();  
xmlDoc = parser.parseFromString(text,"text/xml");  
  
document.getElementById("demo").innerHTML =  
xmlDoc.getElementsByTagName("title")[0].childNodes[0].nodeValue;

</script>  
  
</body>  
</html>

Example Explained

A text string is defined:

text = "<bookstore><book>" +  
"<title>Everyday Italian</title>" +  
"<author>Giada De Laurentiis</author>" +  
"<year>2005</year>" +  
"</book></bookstore>";

An XML DOM parser is created:

parser = new DOMParser();

The parser creates a new XML DOM object using the text string:

xmlDoc = parser.parseFromString(text,"text/xml");