

```
<!DOCTYPE html>

<html lang="en">

<head>

    <title>XML CONVERSION TOOL</title>

    <meta charset="utf-8">

    <!-- //ADD ON LIBRARY - BOOTSTRAP , CSS -->

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">

    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-
q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.3/umd/popper.min.js"
></script>

    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js"
></script>

</head>

<body>

    <!-- CONTAINER CLASS -->

    <div class="container">

        <div class="jumbotron"> <!-- jumbotron - a big box - a grey box with rounded corners to
display special content or information. -->

            <h1 class="display-4">XML TO JSON</h1>

            <p class="lead">Convert XMI TO JSON.</p>

            <hr class="my-4">

        </div>

        <div class="row">

            <div class="col-sm-6">

                <!-- NEW XML FORM -->

                <form id="formOfXMLText">

                    <div class="form-group">
```

multiline text area -->

Data</h2></label>

rows="18"></textarea>

<!-- //TEXTBOX TO DISPLAY XML DATA - JSON TO XML -

<label for="xmlDisplay"><h2>Input XML

<textarea class="form-control" id="xmlTextDisplay"

</div>

<div class="form-group">

<!-- CONVERT BUTTON ON FORM TYPE SUBMIT -->

JSON</button>

<button type="submit" class="btn btn-primary">CONVERT TO

</div>

id="messageTOUser" style="display: none; ">

Use XML Formatter - <a target="\_blank"  
href="https://www.freeformatter.com/xml-formatter.html" class="alert-link">click here!!</a>

</div>

</div>

</form>

<div class="col-sm-6">

<div class="form-group">

>

<!-- INPUT TEXTBOX - JSON DATA - multiline text area --

Data</h2></label>

<label for="jsonTextarea"><h2>JSON

rows="18"></textarea>

<textarea class="form-control" id="jsonTextarea"

</div>

```
</div>
```

```
</div>
```

```
</body>
```

```
<script type="text/javascript">
```

```
$('#formOfXMLText').submit(function(e){
```

```
    e.preventDefault();
```

```
    var xmldata = $('#xmlTextDisplay').val(); // grab value from text area with id  
xmlTextDisplay
```

```
    try {
```

```
        var parser = new DOMParser();
```

```
        var xml = parser.parseFromString(xmldata, "text/xml");
```

```
        var jsonText = JSON.stringify(xmlToJson(xml)); // xmlDoc = xml dom document
```

```
        $("#jsonTextarea").val(jsonText);
```

```
    }catch (err) {
```

```
        alert('Invalid json' + err);
```

```
    }
```

```
});
```

```
function xmlToJson(xml){
```

```

// Create the return object
var obj = {};

if (xml.nodeType == 1) { // element
    // do attributes
    if (xml.attributes.length > 0) {
        obj["@attributes"] = {};
        for (var j = 0; j < xml.attributes.length; j++) {
            var attribute = xml.attributes.item(j);
            obj["@attributes"][attribute.nodeName] = attribute.nodeValue;
        }
    }
} else if (xml.nodeType == 3) { // text
    obj = xml.nodeValue;
}

// do children
if (xml.hasChildNodes()) {
    for(var i = 0; i < xml.childNodes.length; i++) {
        var item = xml.childNodes.item(i);
        var nodeName = item.nodeName;
        if (typeof(obj[nodeName]) == "undefined") {
            obj[nodeName] = xmlToJson(item);
        } else {
            if (typeof(obj[nodeName].push) == "undefined") {
                var old = obj[nodeName];
                obj[nodeName] = [];
                obj[nodeName].push(old);
            }
        }
    }
}

```

```
        obj[nodeName].push(xmlToJson(item));
    }
}
}
return obj;
};
```

</script>

</html>