
Xml 3

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Xml

The Xml module enables parsing information stored in local or remote xml files.

::: warning Requires Manatee v2.0 or greater

This version of the Xml module cannot be used with Manatee v1.29 or earlier.

:::

Load xml

Parse the given string as xml and return an XmlDocument object which can be queried or turned into JSON.

Parameters

- `xml` an xml formatted string to parse

Example

```
1 var d = Xml.load("<hello>world</hello>");
```

Load XML from url

Fetch a local or a remote file and parse as xml. Returns an XmlDocument object.

Parameters

- `url` is a local or remote path to an xml file

Example

```
1 // A remote file
2 var remote = Xml.loadFrom("http://somewhere/over/the/rainbow.xml");
3 // A local file
4 var local = Xml.loadFrom("c:\\somewhereover\\the\\rainbow.xml");
```

Load XML from JSON string

You can use the `loadJson` function to parse a JSON string into an `XmlDoc` object. It should have the same structure as the output of the `Xml.toJson` function.

```
1 var json = JSON.stringify({ root: { a: { b: 2 }, c: 3 } });
2 var doc = Xml.loadJson(json);
```

XmlDoc

An `XmlDoc` is an object that wraps an xml document and which has a few functions for querying the underlying document.

XPath

Execute an XPath query and return the results. The result is a list of objects, each object represents the matching xml node.

Parameters

- `xpath` a well-formed XPath expression

Example

```
1 var doc = Xml.load("<hello>world</hello>");
2 var allHellos = doc.xpath("//hello");
```

Xml to JSON

Returns a JSON/JavaScript version of the document which can then be inspected in the flow.

Example

```
1 var doc = Xml.load("<hello>world</hello>");
2 var docObject = doc.json();
```

XmlDoc to XML string

Use the `toString` function to return the xml document as a string.

```
1 var doc = Xml.load("<hello>world</hello>");
2 var xmlString = doc.toString(); // "<hello>world</hello>"
```

Modify an XML document

The `walk` function implements a visitor-pattern for the underlying xml document. It can be used to modify the document. You supply it with a function that may either return a new value as an object or xml string or a boolean value where **false** indicates that the node should be removed. The function will get called for each node in the document.

```
1 var doc = Xml.load("<root><hello>world</hello></root>");
2 doc.walk(function (node) {
3   if (node.hello) {
4     return "<hello>universe</hello>";
5   }
6 });
7 var greeting = doc.toString(); // "<root><hello>universe</hello></root>"
```