

# < data >

## Description

The <data> element allows a VoiceXML application to fetch arbitrary XML data from a document server without transitioning to a new VoiceXML document. The XML data fetched by the <data> element is bound to ECMAScript through the named variable that exposes a read-only subset of the W3C Document Object Model.

## Syntax

Text

## Attributes

src	Specifies the URI where the external XML content is located. Constraints: Exactly one of the src or srcexpr attributes must be specified.
name	Specifies the name of the ECMAScript form item variable. Each name assigned to a data element must be unique.
srcexpr	Specifies an ECMAScript expression that evaluates to the target URI. Constraints: Exactly one of the src or srcexpr attributes must be specified.
method	Specifies the HTTP method to use. The allowable values for this attribute are: GET - The GET method is used for the request. POST - The POST method is used for the request. If unspecified, then the GET value is assumed, unless the submission of multi-part or form data is encountered, in which case the POST value is assumed.
namelist	Specifies a space-separated list of variables to submit. By default, no variables are submitted.
fetchaudio	Specifies the URI of the audio file to play to the caller in the event of an extended document fetch. This attribute allows audio to be played to the caller while the fetch is being made, instead of silence.
fetchhint	Specifies when the resource should be fetched during application execution. The following values are permitted: prefetch - Begin the resource fetch upon initial document execution. safe - Only fetch the resource when it is specifically called in the application
fetchtimeout	Specifies how long, in seconds or milliseconds, the interpreter should wait for the content to be returned before reverting to any backup TTS, if present, or before the application execution skips the contents of the <audio> element, if no backup TTS is present. Valid Values: A character string in CSS2 format.
maxage	Specifies the maximum acceptable age, in seconds, of the resource in question. We do not recommend that you rely on this attribute for cache control; caching is always best controlled by the response headers of the hosting server. If no headers are specified, then no cache control is present, regardless of the value set for the maxage attribute. Valid Values: An ECMAScript Expression that returns a valid time value for the request.

maxstale	Specifies the maximum acceptable staleness, in seconds, of the resource in question. We do not recommend that you rely on this attribute for cache control; caching is always best controlled by the response headers of the hosting server. If no headers are specified, then no cache control is present, regardless of the value set for the maxstale attribute. Valid Values: An ECMAScript Expression that returns a valid time value for the request.
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## Parents

```
<block> <catch> <error> <filled> <form> <help> <if> <noinput> <nomatch>  
<vxml>
```

## Children

None .

## Extensions

The Voximal interpreter adds the support to generate and parse the JSON request.

Using the contenttype you can set json with different encodings. The MimeType set by the Web Server can force the result parsing too.

A Shadow variable with the duration of the HTTP and parsing request (example: varname\$.duration).

## Limitations/Restrictions

None .

## Example Code

```
text
```

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