

# Elements

The following table includes all VoiceXML 2.0 and 2.1 tag elements supported by the Vxi VoiceXML interpreter:

| Element        | Description   | Supported |
|----------------|---|-----------|
| < assign >     | Assigns a value to a variable.                                | yes       |
| < audio >      | Plays an audio file to a user.                                | yes       |
| < block >      | Allows execution of code within this item.                    | yes       |
| < catch >      | Handles (or catches) events.                                  | yes       |
| < choice >     | Provides definition of a menu.                                | yes       |
| < clear >      | Clears or resets form items (form fields).                    | yes       |
| < data >       | Programmatic access to data in XML format from an HTTP server | yes       |
| < disconnect > | Terminates application and hang up.                           | yes       |
| < else >       | Conditional code, associated with <if>.                       | yes       |
| < elseif >     | Conditional code, associated with <if>.                       | yes       |
| < enumerate >  | Builds choice list.   | yes       |
| < error >      | Catches error event.  | yes       |
| < exit >       | Terminates application but keeps port alive.                  | yes       |
| < field >      | Collects user input.  | yes       |
| < filled >     | Defines code when user input is complete.                     | yes       |
| < foreach >    | Iterates through an ECMAScript array of items.                | yes       |
| < form >       | Defines dialog for collecting user input.                     | yes       |
| < goto >       | Jumps to another dialog.                                      | yes       |
| < grammar >    | Defines DTMF user input rules.                                | yes       |
| < help >       | Catches help event.   | yes       |
| < if >         | Defines conditional code.                                     | yes       |
| < initial >    | Defines prompt for initial form level input.                  | yes       |
| < link >       | Defines URL to go to when a choice is made.                   | yes       |
| < log >        | Output debug message.   | yes       |
| < menu >       | Dialog for selecting from fixed choices.                      | yes       |
| < meta >       | Defines page information.                                     | yes       |
| < metadata >   | Defines page information.                                     | no        |
| < noinput >    | Catches a user input timeout event.                           | yes       |
| < nomatch >    | Catches an invalid user input event.                          | yes       |
| < object >     | Executes an extension function.                               | yes       |
| < option >     | Defines a field selection.                                    | yes       |
| < param >      | Defines parameter to subdialog or object.                     | yes       |
| < prompt >     | Defines output to be played to user.                          | yes       |
| < property >   | Allows internal setting to be configured.                     | yes       |
| < record >     | Makes user audio recording to the file.                       | yes       |
| < reprompt >   | Re-asks for user input after prompting.                       | yes       |
| < return >     | Return from a subdialog.                                      | yes       |
| < script >     | Executes ECMAScript (javascript) code.                        | yes       |
| < subdialog >  | Invokes another dialog and then returns.                      | yes       |

| Element     | Description                                   | Supported |
|-------------|---|-----------|
| < submit >  | Sends application values and gets new doc.    | yes       |
| < throw >   | Generates an event to be handled by catch.    | yes       |
| < transfer> | Enable to transfer a call with several modes. | yes       |
| < value >   | Inserts value of variable into text.          | yes       |
| < var >     | Declares a variable.                          | yes       |
| < vxml >    | Defines root element of document.             | yes       |

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