

# < assign >

## Description

The <assign> element assigns a value to a variable. It is illegal to make an assignment to a variable that has not been explicitly declared using a <var> element or a <var> statement within a <script>. Attempting to assign an undeclared variable causes an error.semantic event to be thrown.

## Syntax

```
<assign
name="string"
expr="ECMAScript_Expression"/>
```

## Attributes

|      |                                                               |
|------|---------------------------------------------------------------|
| name | The name of the variable being assigned to. This is required. |
| expr | The value to assign to the variable. This is required.        |

## Parents

<block>, <catch>, <error>, <filled>, <help>, <if>, <noinput>, <nomatch>

## Children

None .

## Extensions

None .

## Limitations/Restrictions

None .

## Example Code

```
<?xml version="1.0"?>
<vxml version="2.0" xmlns="http://www.w3.org/2001/vxml">
  <var name="tree" expr="'an apple tree'"/>
  <form>
    <block>
      <prompt> The initial value is <value expr="tree"/> </prompt>
      <assign name="tree" expr="'apple orchards'"/>
      <prompt> The new value is <value expr="tree"/> </prompt>
    </block>
  </form>
</vxml>
```

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