

# < if >

## Description

The < if > element defines if-then-else conditional logic.

## Syntax

```
<if  
cond="ECMAScript_Expression">  
child elements  
</if>
```

## Attributes

cond	The cond attribute is a Boolean expression for the conditional logic statement. This attribute is required.
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## Parents

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

## Children

<assign>, <audio>, <clear>, <disconnect>, <else>, <elseif>, <enumerate>, <exit>, <goto>, <if>, <prompt>, <reprompt>, <return>, <script>, <submit>, <throw>, <value>, <var>

## Extensions

None.

## Limitations/Restrictions

None.

## Example Code

```
<?xml version="1.0"?>
<vxml version="2.0" xmlns="http://www.w3.org/2001/vxml">
  <var name="card_type" expr="'amex'" />
  <form>
    <field name="card_num" type="digits">
      <prompt>What is your card number?</prompt>
      <filled>
        <if cond="card_type == 'amex' && card_num.length != 15">
          American Express card numbers must have 15 digits.
          <clear namelist="card_num"/>
        <elseif cond="card_type != 'amex' && card_num.length != 16"/>
          Mastercard and Visa card numbers have 16 digits.
          <clear namelist="card_num"/>
        </if>
      </filled>
    </field>
  </form>
</vxml>
```

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