

## Pressing Digit 9 Causes No-Match

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| <b>Problem Summary</b>    | In DTMF-only adapter, pressing digit 9 while using options causes no-match after 10 seconds.   |
| <b>Error Message</b>      | None.  |
| <b>Possible Cause</b>     | <p>This delay is caused by the following link grammar in the root document for the DTMF-only adapter.</p> <pre>&lt;link event="nomatch"&gt; &lt;grammar mode="dtmf" type="application/grammar+regex"&gt;99999&lt;/grammar&gt; &lt;/link&gt;</pre> <p>Since the options are created with modal=false, the link grammar remains active in the Gateway DTMF-browser. On pressing 9, the Gateway starts to match this grammar and waits for the next input instead of returning a 'no-match' immediately.</p>  |
| <b>Recommended Action</b> | <p>When writing a VXML Server script for a DTMF-only adapter that uses the Get Digits, Forms, or n_Option_Menu elements, follow this procedure to avoid delay in processing the digit 9 when the script is executed.</p> <ol style="list-style-type: none"> <li>1. In the VXML Server script, insert a hotlink to an inline grammar. When configuring the hotlink's grammar, the values of the digits must not match: –The value of any digit that is expected in response to the Get Digits element. –The value of an option number used in any n_Option_Menu element.</li> <li>2. If the inline grammar in Step 1 contains more than one digit, set the interdigittimeout in the root document properties to 5 seconds. For example: <pre>interdigittimeout 5s</pre> </li> </ol> <p><b>Examples:</b></p> <p>If the VXML Server script uses 3_Option_Menu, where 1, 2, and 9 are valid options, then the inline grammar can have the value 8, but cannot have the value 1, 2, or 9.</p> <p>Similarly, if the VXML Server script uses 9_Option_Menu, where digits 1 through 9 inclusive are valid options, then the inline grammar can have the value 99, and the interdigittimeout must be set to 5s.</p> <p>If you are using a GetDigits element and have set the follow range: min=2, max=4, then the link grammar can be 99999, and you must set the interdigittimeout to 5 seconds.</p> <p>If the script contains an Option Menu as well as GetDigits elements, you only need to set the link grammar once.</p> |
| <b>Release</b>            | Release 7.0(2)   |
| <b>Associated CDETS #</b> | None.  |