

# RemoteSpeechReply

RemoteSpeechReply *character-id utterance-id status xml-message*

## Description

Callback sent from [ttsRelay](#) to [SmartBody](#) in response to [RemoteSpeechCmd](#). Contains the full path of the generated audio file, viseme schedule, and detailed timing information. See [this page](#) for a more in-depth overview of TTS protocol.

## Parameters

- *character-id*, ID of the virtual human (i.e. 'ChrBrad')
- *utterance-id*, usually just '1'
- *status*, whether the request was handled successfully ('OK:') or not ('FAILED:')
- *xml-message*, full path and name of generated audio file, viseme schedule, and detailed timing information of visemes and word boundaries in XML format (see below for examples)

## Examples

```
RemoteSpeechReply ChrBrad 1 OK: <?xml version="1.0" encoding="UTF-8"?>
    <speak>
        <soundFile name="D:\Projects\vhtoolkit\trunk\data\cache\audio\utt_20121109_153323_ChrBrad_1.wav" />
        <viseme start="0" articulation="0.4" type="open" />
        <mark name="T0" time="0.0454374998807907" />
        <word start="0.0454374998807907" end="0.275687515735626">
            <viseme start="0.0454374998807907" articulation="0.3" type="open" />
            <viseme start="0.156937494874001" articulation="0.5" type="open" />
            <viseme start="0.156937494874001" articulation="0.4" type="tBack" />
            <viseme start="0.156937494874001" articulation="0.6" type="wide" />
            <mark name="T1" time="0.275687515735626" />
        </word>
        <mark name="T2" time="0.275687515735626" />
        <word start="0.275687515735626" end="0.660875022411346">
            <viseme start="0.344500005245209" articulation="0.5" type="open" />
            <viseme start="0.344500005245209" articulation="0.4" type="tBack" />
            <viseme start="0.344500005245209" articulation="0.6" type="wide" />
            <viseme start="0.435937494039536" articulation="0.1" type="open" />
            <viseme start="0.435937494039536" articulation="0.7" type="W" />
        </word>
        <viseme start="0.660875022411346" articulation="0.4" type="open" />
        <mark name="T3" time="0.767687499523163" />
        <mark name="T4" time="0.767687499523163" />
        <word start="0.767687499523163" end="0.989937543869019">
            <viseme start="0.767687499523163" articulation="0.3" type="open" />
            <viseme start="0.855187475681305" articulation="0.6" type="wide" />
            <viseme start="0.855187475681305" articulation="0.5" type="open" />
            <viseme start="0.855187475681305" articulation="0.4" type="tBack" />
        <mark name="T5" time="0.989937543869019" />
        </word>
        <mark name="T6" time="0.989937543869019" />
        <word start="0.989937543869019" end="1.12156248092651">
            <viseme start="0.989937543869019" articulation="0.55" type="open" />
            <viseme start="1.02781248092651" articulation="0.7" type="W" />
            <viseme start="1.02781248092651" articulation="0.1" type="open" />
            <mark name="T7" time="1.12156248092651" />
        </word>
        <mark name="T8" time="1.12156248092651" />
        <word start="1.12156248092651" end="1.39037501811981">
            <viseme start="1.12156248092651" articulation="0.5" type="W" />
            <viseme start="1.12156248092651" articulation="0.3" type="ShCh" />
            <viseme start="1.12156248092651" articulation="0.4" type="tRoof" />
            <viseme start="1.25906252861023" articulation="0.55" type="W" />
            <viseme start="1.25906252861023" articulation="0.4" type="open" />
            <mark name="T9" time="1.39037501811981" />
        </word>
        <viseme start="1.39037501811981" articulation="0.4" type="open" />
    </speak>
```

## Sending Components

- [ttsRelay](#)

## Receiving Components

- [SmartBody](#)

## Related messages

- [RemoteSpeechCmd](#)