

EB GUIDE Speech Extension tutorial

Configuring speech output with a specified rate of speaking

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1. Tutorial: Configuring speech output with a specified rate of speaking

SSML prompts give you the opportunity to configure speech output with a specified rate of speaking. The following instructions guide you through the process of adding and configuring an SSML prompt so that the message is spoken slowly.

Approximate duration: 10 minutes.



Adding an SSML prompt to a talk

Prerequisite:

- The **Speech** state machine contains a talk state.
- The navigation area displays the **All** tab.

Step 1

In the navigation area, expand the talk state and double-click the talk.

The content area displays a talk.

Step 2

Drag an SSML prompt from the **Toolbox** into the upper section of the content area.

You added an SSML prompt to the talk.

Step 3

In the navigation area, click the SSML prompt.

Step 4

Press the **F2** key and rename the SSML prompt to `slow output`.

You added an SSML prompt and renamed it. The **Properties** panel displays the properties of the SSML prompt.



Linking an SSML prompt to a datapool item

Prerequisite:

- You completed the previous instruction.

Step 1

In the navigation area, click the SSML prompt.

Step 2

Go to the **Properties** panel.

Step 3

Next to the `prompt` property, click **Create link...**

A menu expands.

Step 4

To add a datapool item, enter `SSML DP` in the combo box.

Step 5

Click **Add datapool item**.

Step 6

Select the `SSML DP` datapool item.

Step 7

Click **Accept**.

The dialog closes. Next to the `prompt` property, the  button is displayed. It indicates that the `prompt` property is linked to the `SSML DP` datapool item. The `SSML DP` datapool item is displayed in the navigation area.



Configuring the datapool item of type SSML prompt

Prerequisite:

- You completed the previous instruction.

Step 1

In the navigation area, click the `Slow output` SSML prompt.

Step 2

Go to the **Properties** panel.

Step 3

Next to the `prompt` property, click **Edit**.

A menu expands.

Step 4

Click **Enlarge**.

Step 5

Drag the following model elements from the **Toolbox** into the content area:

▶ Speak

as parent model element

▶ Break

▶ Prosody

Make sure that the content area looks as follows.

```
1 <speaK>  
2  
3 <break time="1s" />  
4  
5 <prosody rate="+20%"> </prosody>  
6  
7 </speaK>
```

Figure 1. SSML DP datapool item with model elements

Step 6

Enter text in the content area, so that it looks as follows.

```
1  <speaK>  
2 |  
3 | hello  
4 |  
5  <break time="1s" />  
6 |  
7  <prosody rate="-20%">this is a slow text</prosody>  
8 |  
9 | </speak>
```

Figure 2. Configured SSML DP datapool item

You configured the SSML DP datapool item, which is linked to the `prompt` property of the SSML prompt.

When playback of the SSML prompt starts, the playback is paused for one second after `hello`. The text `this is a slow text` is spoken 20 per cent more slowly than a regular playback.