

ドコモ AI エージェント API

メインエージェントの音声の換え方

第 1.0 版

改定日 : 2020.03.16

改訂履歴

版数	発行日	改訂履歴
1.0 版	2020.03.16	新規作成

1 話者を切り替える

音声合成再生における話者を切り替えたいときは、エージェント発話の音声合成パラメータである、`command.speaker_params.speaker_id` 及び、`command.speaker_params.style_id` を変更します。

表. パラメータ

No.	キー	説明
1	<code>speaker_id</code>	音声合成を行う話者モデルの話者 ID を指定します。
2	<code>style_id</code>	音声合成を行う口調モデルの口調 ID を指定します。

実装例

```
<think>  
  <predstore>command.speaker_params.speaker_id=jpn_JP-F-S0124-T001-E01-SR0</predstore>  
  <predstore>command.speaker_params.style_id=jpn_JP-F-S0124-T001-E01</predstore>  
</think>
```

1.1 サンプルコード

<AIML>

```
<category>
  <pattern>ケイタ</pattern>
  <template>
    ケイタです
  <think>
    <predstore>command. speaker_params. speaker_id=jpn_JP-M-S0108-T001-E01-SR0</predstore>
    <predstore>command. speaker_params. style_id=jpn_JP-M-S0108-T001-E01</predstore>
  </think>
</template>
</category>

<category>
  <pattern>アカリ</pattern>
  <template>
    アカリです
  <think>
    <predstore>command. speaker_params. speaker_id=jpn_JP-F-S0103-T001-E01-SR0</predstore>
    <predstore>command. speaker_params. style_id=jpn_JP-F-S0103-T001-E01</predstore>
  </think>
</template>
</category>

<category>
  <pattern>小鳥</pattern>
  <template>
    コトリです
  <think>
    <predstore>command. speaker_params. speaker_id=jpn_JP-F-S0124-T001-E01-SR0</predstore>
    <predstore>command. speaker_params. style_id=jpn_JP-F-S0124-T001-E01</predstore>
  </think>
</template>
</category>

<category>
  <pattern>*</pattern>
  <template>
    デフォルトです
  </template>
</category>
```

1.2 実行結果

ユーザー発話：デフォルト

エージェント発話

```
{
  "systemText": {
    "expression": "デフォルトです",
    "utterance": "デフォルトです"
  },
  "talkend": true,
  "command": {
    "version": "sebastien-1.0.0",
    "type": "nlu_result",
    "speaker_params": {
      "speaker_id": "jpn_JP-F-S0103-T001-E01-SR0",
      "style_id": "jpn_JP-F-S0103-T001-E01",
      "voice_type": 1,
      "power_rate": 2,
      "intonation": 10,
      "pitch": 12
    },
    "option": {
      "switchAgent": {
        "agentId": "898_893_main",
        "agentType": "1"
      }
    }
  },
  "rule_id": "2682"
},
"dialogStatus": {
  "commandId": "000000000000",
  "task": {
    "taskId": "00000000"
  },
  "loopCount": "0"
},
"serverSendTime": "2020-03-06 10:42:01"
}
```

ユーザー発話：ことり

```
{
  "systemText": {
    "expression": "ことりです",
    "utterance": "ことりです"
  },
  "talkend": true,
  "command": {
    "version": "sebastien-1.0.0",
    "type": "nlu_result",
    "speaker_params": {
      "speaker_id": "jpn_JP-F-S0124-T001-E01-SR0",
      "style_id": "jpn_JP-F-S0124-T001-E01",
      "voice_type": 1,
      "power_rate": 2,
      "intonation": 10,
      "pitch": 12
    },
    "option": {
      "switchAgent": {
        "agentId": "898_893_main",
        "agentType": "1"
      }
    }
  },
  "rule_id": "2682"
},
"dialogStatus": {
  "commandId": "00000000000",
  "task": {
    "taskId": "00000000"
  },
  "loopCount": "0"
},
"serverSendTime": "2020-03-06 10:41:21"
}
```

2 話者一覧

No.	話者	speaker_id	style_id
1	akari	jpn_JP-F-S0103-T001-E01-SR0	jpn_JP-F-S0103-T001-E01
2	komachi	jpn_JP-F-S0104-T001-E01-SR0	jpn_JP-F-S0104-T001-E01
3	aoi	jpn_JP-F-S0105-T001-E01-SR0	jpn_JP-F-S0105-T001-E01
4	rin	jpn_JP-F-S0121-T001-E01-SR0	jpn_JP-F-S0121-T001-E01
5	mio	jpn_JP-F-S0122-T001-E01-SR0	jpn_JP-F-S0122-T001-E01
6	nozomi	jpn_JP-F-S0123-T001-E01-SR0	jpn_JP-F-S0123-T001-E01
7	kotori	jpn_JP-F-S0124-T001-E01-SR0	jpn_JP-F-S0124-T001-E01
8	yui	jpn_JP-F-S0113-T002-E01-SR0	jpn_JP-F-S0113-T002-E01
9	megumi	jpn_JP-F-S0129-T001-E01-SR0	jpn_JP-F-S0129-T001-E01
10	shota	jpn_JP-M-S0106-T001-E01-SR0	jpn_JP-M-S0106-T001-E01
11	kenji	jpn_JP-M-S0107-T001-E01-SR0	jpn_JP-M-S0107-T001-E01
12	keita	jpn_JP-M-S0108-T001-E01-SR0	jpn_JP-M-S0108-T001-E01
13	yamato	jpn_JP-M-S0114-T002-E01-SR0	jpn_JP-M-S0114-T002-E01
14	satoru	jpn_JP-M-S0127-T001-E01-SR0	jpn_JP-M-S0127-T001-E01
15	sadao	jpn_JP-M-S0130-T001-E01-SR0	jpn_JP-M-S0130-T001-E01
16	naoki	jpn_JP-N-S0128-T001-E01-SR0	jpn_JP-N-S0128-T001-E01
17	kaori	jpn_JP-F-S0003-T001-E01-SR0	jpn_JP-F-S0003-T001-E01
18	kyoko	jpn_JP-F-S0005-T002-E01-SR0	jpn_JP-F-S0005-T002-E01
19	misaki	jpn_JP-F-S0001-T003-E01-SR0	jpn_JP-F-S0001-T003-E01
20	nanami	jpn_JP-F-S0001-T002-E01-SR0	jpn_JP-F-S0001-T002-E01
21	fujiko	jpn_JP-F-S0005-T001-E01-SR0	jpn_JP-F-S0005-T001-E01
22	kanae	jpn_JP-F-S0003-T002-E01-SR0	jpn_JP-F-S0003-T002-E01
23	ami	jpn_JP-F-S0001-T001-E01-SR0	jpn_JP-F-S0001-T001-E01
24	miyu	jpn_JP-F-S0002-T001-E01-SR0	jpn_JP-F-S0002-T001-E01
25	haruka	jpn_JP-F-S0004-T001-E01-SR0	jpn_JP-F-S0004-T001-E01
26	rena	jpn_JP-F-S0009-T001-E01-SR0	jpn_JP-F-S0009-T001-E01
27	riko	jpn_JP-F-S0010-T001-E01-SR0	jpn_JP-F-S0010-T001-E01

28	mika	jpn_JP-F-S0012-T001-E01-SR0	jpn_JP-F-S0012-T001-E01
29	kazuko	jpn_JP-F-S0016-T001-E01-SR0	jpn_JP-F-S0016-T001-E01
30	nanako	jpn_JP-F-S0007-T001-E01-SR0	jpn_JP-F-S0007-T001-E01
31	ayano	jpn_JP-F-S0008-T001-E01-SR0	jpn_JP-F-S0008-T001-E01
32	satomi	jpn_JP-F-S0011-T001-E01-SR0	jpn_JP-F-S0011-T001-E01
33	saki	jpn_JP-F-S0013-T001-E01-SR0	jpn_JP-F-S0013-T001-E01
34	saori	jpn_JP-F-S0014-T001-E01-SR0	jpn_JP-F-S0014-T001-E01
35	kumiko	jpn_JP-F-S0015-T001-E01-SR0	jpn_JP-F-S0015-T001-E01
36	sakura	jpn_JP-F-S0006-T001-E01-SR0	jpn_JP-F-S0006-T001-E01
37	osamu	jpn_JP-M-S0001-T001-E01-SR0	jpn_JP-M-S0001-T001-E01
38	daito	jpn_JP-M-S0004-T001-E01-SR0	jpn_JP-M-S0004-T001-E01
39	daisuke	jpn_JP-M-S0011-T001-E01-SR0	jpn_JP-M-S0011-T001-E01
40	akira	jpn_JP-M-S0002-T002-E01-SR0	jpn_JP-M-S0002-T002-E01
41	tadayuki	jpn_JP-M-S0002-T001-E01-SR0	jpn_JP-M-S0002-T001-E01
42	susumu	jpn_JP-M-S0003-T001-E01-SR0	jpn_JP-M-S0003-T001-E01
43	masaki	jpn_JP-M-S0013-T001-E01-SR0	jpn_JP-M-S0013-T001-E01
44	tomoya	jpn_JP-M-S0009-T001-E01-SR0	jpn_JP-M-S0009-T001-E01
45	takashi	jpn_JP-M-S0014-T001-E01-SR0	jpn_JP-M-S0014-T001-E01
46	hiroshi	jpn_JP-M-S0012-T001-E01-SR0	jpn_JP-M-S0012-T001-E01
47	takumi	jpn_JP-M-S0005-T001-E01-SR0	jpn_JP-M-S0005-T001-E01
48	takeo	jpn_JP-M-S0006-T001-E01-SR0	jpn_JP-M-S0006-T001-E01
49	kohei	jpn_JP-M-S0007-T001-E01-SR0	jpn_JP-M-S0007-T001-E01
50	takuya	jpn_JP-M-S0008-T001-E01-SR0	jpn_JP-M-S0008-T001-E01
51	manabu	jpn_JP-M-S0010-T001-E01-SR0	jpn_JP-M-S0010-T001-E01
52	yutaka	jpn_JP-N-S0001-T001-E01-SR0	jpn_JP-N-S0001-T001-E01