

1z0-1071 Dumps

Oracle Cloud Platform Digital Assistant 2019 Associate

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NEW QUESTION 1

In a validation loop, users are repeatedly asked to enter the same information, thereby preventing them from transitioning to a different dialog flow state in a conversation.

What is causing the validation loop?

- A. The dialog flow state uses an input component that references a nonentity type variable
- B. The same dialog flow state is referenced in the next transition.
- C. The nlpResultvariable property of the input component points to "iResult", which is a variable of type "nlpresuit".
- D. The keepTurn property of the input component is set to true and the maxPrompts property is set to a value greater than 0.
- E. The input component associated with a state references a variable of an entity type and the maxPrompts property is not set.

Answer: C

NEW QUESTION 2

What is the output of this code?

```

8   context:
9     variables:
10    messages: "string"
11   states:
12    setMessage:
13    component: "System.SetVariable"
14    properties:
15    variable: "messages"
16    value:
17    - "One."
18    - "Two."
19    - "Three."
20   printMessages:
21   component: "System.Output"
22   properties:
23   text: |-
24     <#list messages.value as text>${text}
25
26     </#list>
27   transitions:
28   return: "done"

```

- A. The code will run into an infinite loop.
- B. Only first value - "One." will be printed.
- C. The code will fail to validate because |- is not a valid symbol.
- D. All the three values - "One." "Two." and "Three." will be printed.

Answer: B

NEW QUESTION 3

Which two statements describe what happens when a System.DatectLanguages component is used in a dialog flow?

- A. The system.DetectLanguage component sets the profile.languageTag variable to the language code of the detected user language.
- B. The syste
- C. DetectLanguage component sets the autoTranslate variable to the language code of the detected user language.
- D. A system.DetectLanguage component state causes an exception if no translation service is configured for a skill.
- E. The system.DetectLanguage component sets the profile.locale variable to the language code of the detected user language.
- F. The system.DetectLanguage component does not detect English because it is the default language.

Answer: AD

NEW QUESTION 4

Which three statements are FALSE regarding entity resolution using a composite bag?

- A. You can define multiple prompts for each entity item in the composite bag.
- B. The composite bag will automatically resolve any entity values found in the initial user input.
- C. When a user inputs entity values, they can only be resolved in the order in which they are defined within the composite bag.
- D. Each entity item in the composite bag can have only one value.
- E. Every entity item in the composite bag must be prompted for and have a value entered.
- F. You can define validation code using Apache Freemarker for entity item values.

Answer: ACE

NEW QUESTION 5

Select the FALSE statement regarding confidence levels when routing within a digital assistant.

- A. A confidence threshold is a value that's compared to the confidence level by the system, intent component to define the next action.

- B. Confidence level is the intent engine's score for utterance classification.
- C. All skills within a digital assistant must have the same confidence threshold.
- D. If other intents that exceed the confidence threshold have scores that are within that of the top intent by less than the win margin, these intents are also presented to the user.

Answer: A

NEW QUESTION 6

Which property in `system.ResolveEntities`, when set to true, enables a temporary transition from the entity matching performed by this component to a state in which you may decide to call a custom component?

- A. `transitionMatch`
- B. `transitionBeforeMatch`
- C. `transitionAfterMatch`
- D. There is no such property, because this component is a closed system.

Answer: C

NEW QUESTION 7

Which statement is FALSE regarding the core function of a digital assistant and how it could respond to user input?

- A. It is able to automatically route the conversation to another digital assistant if the request can't be handled by the current digital assistant.
- B. It is able to respond to a user request to exit the current conversation.
- C. It is able to respond to a help request and return a help message, one that can be specific to one of its skills, or to the digital assistant itself
- D. It is able to route the conversation to the start state of a skill that's managed by the digital assistant.

Answer: D

NEW QUESTION 8

In reviewing a colleague's code, you note the following code in the dialog flow which takes user input and replaces the words "authorized user" or "auth user" with "AU" before then calling the intent resolution in the dialog flow with the altered string.

`"${utterance.value?replace('authorized user|auth user', 'AU','r')}"` Why would your colleague have done this?

- A. The sentence is being normalized by replacing different versions of words such that they are aligned with the term used in the training utterances.
- B. By replacing "Authorized" and "auth", one is able to bypass the usual authentication mechanism, which requires a user to log on.
- C. "Authorized" and "auth" are reserved words and would fail intent resolution.
- D. The above code has no impact on intent resolution.
- E. The language tag is being changed to Australian (AU) to better match the language of the training utterances.

Answer: D

NEW QUESTION 9

Which two statements about skills are true?

- A. Customers can only chat with skill when those skills managed by a digital assistant.
- B. Skills can access back-end services.
- C. Skills have dialog flows that you may configure to create conversation.
- D. Skills always use natural languages processing (NLP).

Answer: AB

NEW QUESTION 10

Which two statements are true regarding local web application invocation using the `system.webview` component?

- A. Local webviews require a Node.js environment and must have a package, json file in their root folder.
- B. An SPA application can issue an Ajax post command to the callback URL that has been passed with the web application launch
- C. `system.webview` components can only be used with web channels.
- D. Local webviews require SPA applications to have an index.html file in their root folder.

Answer: AD

NEW QUESTION 10

You have a skill and want it to prompt users for their name. The name should then be used in the welcome message at the beginning of each bot-user session. Your user interface guidelines require that each part of the name begin with a capital letter (for example, John or Deo John Willin Doe).

Which two BotML code examples print the username correctly of the name is provided as "John William doe" or "JOHN doe"?

- A)
- ```
printName:
 component: "System.Output"
 properties:
 text: "Welcome ${name.value?cap_first}"
```

B)

```
printName:
 component: "System.Output"
 properties:
 text: "Welcome ${name.value?starts_with('capitalize')}"
```

C)

```
printName:
 component: "System.Output"
 properties:
 text: "Welcome <#list name.value?split(' ') as item>${item?capitalize} </#list>"
```

D)

```
printName:
 component: "System.Output"
 properties:
 text: "Welcome ${name.value?capitalize}"
```

E)

```
printName:
 component: "System.Output"
 properties:
 text: "Welcome <#list name.value?join(' ') as item>${item?lower_case?cap_first} </#list>"
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

**Answer:** CD

#### NEW QUESTION 14

Which two statements about using the OAuth2 client credential grant type in Oracle Digital Assistant are correct?

- A. The OAuth2 client credential grant type does not require a bot user to authenticate and instead uses a shared clientId and secret.
- B. The user must be logged in to an identity service provider using his or her username and password to obtain a client credential access token
- C. You use the Oracle Digital Assistant Authentication Service with the system.OAuth2client component to obtain a client credential access token.
- D. OAuth2client component to obtain a client credential access token.
- E. The client credential grant type requires the system.OAuth2AccountLink component to obtain a token that propagates a user's identity between distributed systems.
- F. The OAuth2 client credential grant type uses the system.OAuth2AccountLink component to obtain a token that propagates a user's identity between distributed systems.
- G. Webview built-in component to perform social media login.

**Answer:** AC

#### NEW QUESTION 15

Which two statements about message translation in a skill are true?

If auto-translation is enabled and a component has its translate property set to false, then the component output message or level will not get auto-translated to the detected user languages.

A system.Output component that reads its text message from a resource bundle does not require auto-translation or its translate property set to true to display translated.

- A. A missing system.OAuth2AccountLink component state in a dialog flow causes an exception for components that read their output message from bundle.
- B. DetectLanguage state in a dialog flow causes an exception for components that read their output message from bundle.
- C. For the System.Translateinput component to work, it requires a previously executed system.DetectLanguage component state.
- D. Enabling auto-translation in a dialog flow does not translate the user input message.

**Answer:** BC

#### NEW QUESTION 18

In your conversation flow, you want to make sure that users always see a message, even when there is no data to display. To implement this, you decide to use a system.SetVariable component that verifies that the variable mydata contains a value and, if it does sets the value of the displayVar variable to the value of mydata. If no value is specified for mydata, then displayVar is set to the string 'No Data.'

Which two BotML with Apache FreeMarker examples implement this requirement?

A)

```
checkHasContent:
 component: "System.SetVariable"
 properties:
 variable: "displayVar"
 value: "${mydata.value?has_content?then(mydata.value,'No Data')}}"
```

B)

```
checkHasContent:
 component: "System.SetVariable"
 properties:
 variable: "displayVar"
 value: "${!mydata.value 'No Data'}"
```

C)

```
checkHasContent:
 component: "System.SetVariable"
 properties:
 variable: "displayVar"
 value: "${mydata.value?not_null?then(mydata.value,'No Data')}}"
```

D)

```
checkHasContent:
 component: "System.SetVariable"
 properties:
 variable: "displayVar"
 value: "<#if mydata.value != null>${mydata.value}<#else>'No Data'</#if>"
```

E)

```
checkHasContent:
 component: "System.SetVariable"
 properties:
 variable: "displayVar"
 value: "${mydata.value!'No Data'}"
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

**Answer: BE**

#### NEW QUESTION 21

To translate output messages, you created a resource bundle in your skill. The resource bundle contains an orderConfirmation key with the following message: Thanks {0} for your order. Your order of a {1} is no its way.

In your dialog flow, you have a variable rb of type resourcesBundle defined. In additional, you defined a variable pizzaType holding the type of the pizza (for example, Salami) and a variable pizzaSize holding the size of the Pizza ( for example , large).

A)

```
orderConfirmation:
 component: "System.Output"
 properties:
 text: "${rb('orderConfirmation','profile.firstName','pizzaSize.value','pizzaType.value')}}"
 transitions:
 return: "done"
```

B)

```
orderConfirmation:
 component: "System.Output"
 properties:
 text: "${orderConfirmation('profile.firstName','pizzaSize.value','pizzaType.value')}}"
 transitions:
 return: "done"
```

C)

```
orderConfirmation:
 component: "System.Output"
 properties:
 text: "${rb.orderConfirmation('Anonymous',pizzaSize.value, pizzaType.value)}"
 transitions:
 return: "done"
```

D)

```
orderConfirmation:
 component: "System.Output"
 properties:
 text: "${rb('orderConfirmation','${profile.firstName}','${pizzaSize.value}','${pizzaType.value}')}"
 transitions:
 return: "done"
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

**Answer: A**

#### NEW QUESTION 24

What is the purpose of the training models within Oracle Digital Assistant?

- A. build a complete semantic language model allowing a skill to understand 98% of user input in the trained language
- B. automatically crowdsource sample data to which user input is matched
- C. automatically create n number of classifications where n is a parameter defined for each skill
- D. allow a skill to classify user input to defined intents

**Answer: D**

#### NEW QUESTION 25

What is the output of this code?

```
1 context:
2 variables:
3 runner: "int"
4 states:
5 setVariable:
6 component: "System.SetVariable"
7 properties:
8 variable: "runner"
9 value: 0
10 transitions:
11 next: "increment"
12
13 increment:
14 component: "System.SetVariable"
15 properties:
16 variable: "runner"
17 value: "${runner.value?number +1}"
18 transitions:
19 next: "checkExitCondition"
20
21 checkExitCondition:
22 component: "System.Switch"
23 properties:
24 source: "${(runner.value?number > 3)?then('quit','continue')}"
25 values:
26 - "quit"
27 - "continue"
28 transitions:
29 actions:
30 quit: "exit"
31 continue: "increment"
32 NONE: "exit"
33
34 exit:
35 component: "System.Output"
36 properties:
37 text: "Leaving loop at ${runner.value}"
38 transitions:
39 return: "done"
```

- A. "Leaving loop at 3"
- B. "Leaving loop at 4"
- C. "Leaving loop at 0"
- D. "Your session appears to be in infinite loop"
- E. "Please try again later"

**Answer: D**

#### NEW QUESTION 26

You are designing a skill for a railway company. You created a value list entity (StationEntity), which is the list of all possible train stations To resolve an intent

(RouteIntent), you need to determine whether the user is asking for a route which is either to a station or from a station. Which statement describes the most robust and efficient approach for extracting this information from the user input?

- A. Create a value list entity called ToFromEntity with values of "to" and "from" and with appropriate synonyms for each value.
- B. Create a value list called DirectionStation and add ToFromEntity and StationEntity to this list.
- C. Then, add DirectionStation to the RouteIntent.
- D. Create two derived entities based on StationEntity.
- E. In one entity, set the preceding phrase to "to" (along with any required synonyms). In the other entity, do the same but with the preceding phrase "from". Add both entities to the RouteIntent intent.
- F. Duplicate StationEntity.
- G. In one version, prefix all of the train station names with "to" and in the other prefix with "from". Then add both entities to the RouteIntent intent.
- H. Add StationEntity to the RouteIntent intent and then update the training data with phrases beginning with "from".

**Answer: B**

#### NEW QUESTION 27

How does a digital assistant determine which skill to route user input to?

- A. It evaluates all of the user input against one consolidated training model based on the utterances for each skill to determine the candidate skill.
- B. Then, it evaluates against the training models for the candidate skills and resolves to the intent with the highest confidence score.
- C. It evaluates all of the user input against the individual training models for each skill, and then it routes to the intent with the highest confidence score.
- D. It evaluates all of the user input against one consolidated training model that combines all of the intents, and then it routes to the intent with the highest confidence score.
- E. It routes to the skill that is activated most often.
- F. It always routes to the currently active skill.

**Answer: C**

#### NEW QUESTION 28

Which three statements are true about composite bag entities?

- A. They define a business domain object as a collection of related system entities and custom entities.
- B. When you add entities to the composite bag, you can control how they get extracted in relation to other entities and when they are prompted for.
- C. The composite bag will always enforce that every entity has a valid value before allowing the conversation to move on to the next state in the dialog flow.
- D. You need to create a separate composite bag to handle nonentity types such as string.
- E. Locations, and attachments.
- F. The composite bag can resolve all entity values using only a single state in the dialog flow.

**Answer: BCE**

#### NEW QUESTION 31

You want the flow to navigate to the cancel transition immediately after the maximum number of failed attempts are exceeded in the System.ResolveEntities Component.

Which option must you use?

- A. Set cancelPolicy to "immediate".
- B. There is no such option in system.ResolveEntities.
- C. Set cancelPolicy to "true".
- D. Set cancelPolicy to "lastEntity".

**Answer: A**

#### Explanation:

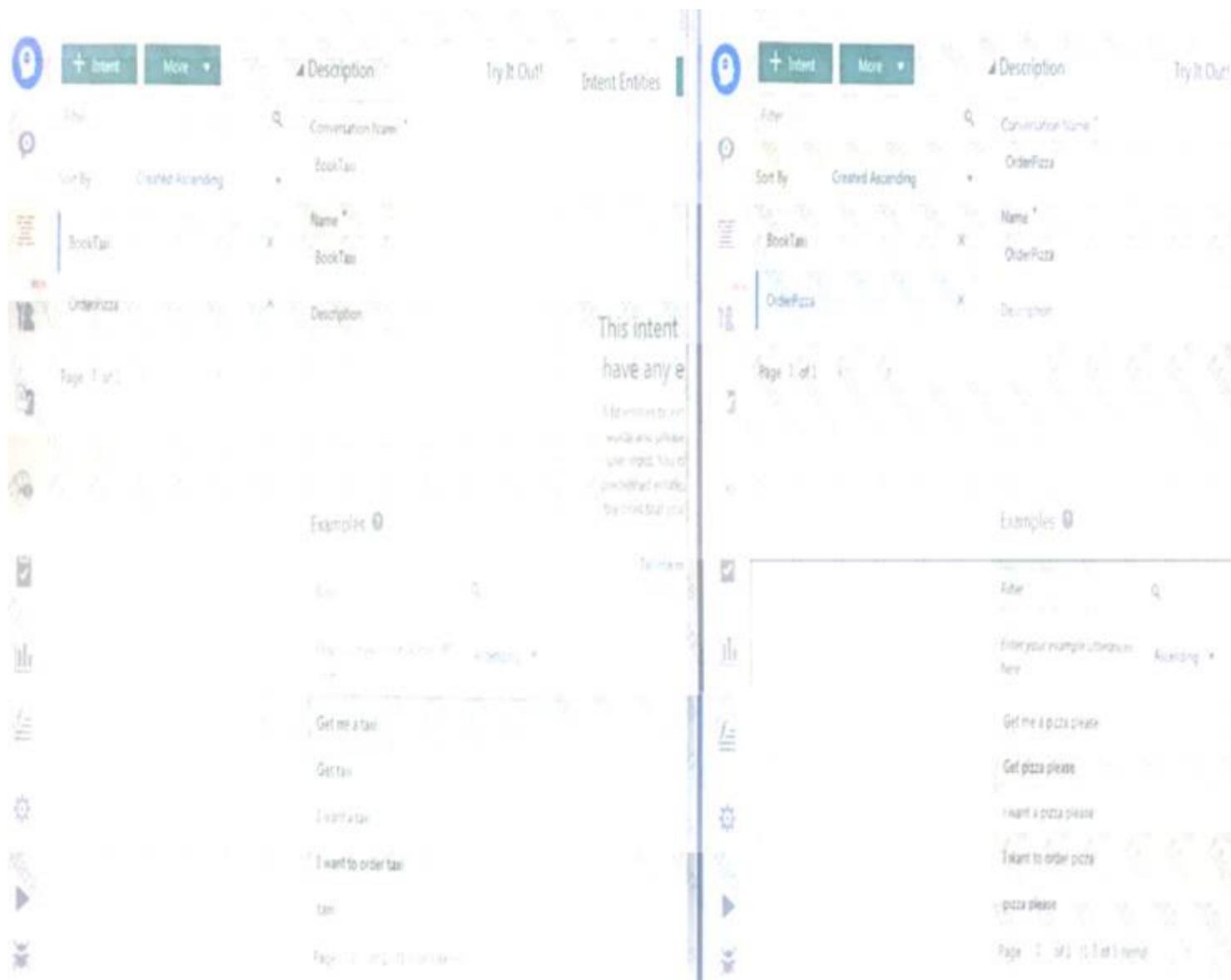
<https://docs.oracle.com/en/cloud/paas/digital-assistant/use-chatbot/built-components-properties-transitions-and-ucancelPolicy>  
Determines the timing of the cancel transition:

- > immediate—Immediately after the allotted maxPrompts attempts have been met for an entity in the bag.
- > lastEntity—When the last entity in the bag has been matched with a value.

|                           |                                                                                                                                                                                                                                                                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>cancelPolicy</code> | <p>Determines the timing of the cancel transition:</p> <ul style="list-style-type: none"> <li>• <code>immediate</code>—Immediately after the allotted <code>maxPrompts</code> attempts have been met for an entity in the bag.</li> <li>• <code>lastEntity</code>—When the last entity in the bag has been matched with a value.</li> </ul> |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### NEW QUESTION 35

View the Exhibit.



You have been asked to review a skill for its readiness for go live. Which four issues would you raise as a priority?

- A. The unresolved intent has not been trained.
- B. The utterances have too much commonality.
- C. All utterances should start with an uppercase letter and end with a period.
- D. The word "please" may inadvertently skew the results.
- E. You should never have single-word utterances.
- F. The number of utterances looks to be too low and artificial for a go-live.

**Answer:** ABDF

**NEW QUESTION 38**

A user is in the middle of a conversation flow with a digital assistant but then triggers the Exit system intent by saying "get me out of here". Which statement is true?

- A. Depending on digital assistant routing parameters, the user will be prompted to confirm exiting from the current conversation.
- B. The conversation can only be exited if the current context score is lower than the Exit Skill Confirmation digital assistant routing parameter.
- C. The conversation can only be exited if the current context score is greater than the Exit Skill Confirmation digital assistant routing parameter.
- D. Because the user didn't explicitly specify the invocation name of the skill when exiting, the user will always be prompted to confirm exiting the current conversation.
- E. The conversation will resume at a state in the skill defined by a digital assistant parameter.

**Answer:** C

**NEW QUESTION 42**

You have a digital assistant with a pizza skill. While ordering a pizza, the user triggers the digital assistant's Help system intent by entering "help". What is the default functionality of the digital assistant assuming no help functionality has been implemented in the pizza skill?

- A. The digital assistant displays a prompt and a card which can be configured to show examples of what the skill can do.
- B. Nothin
- C. You need to explicitly define a help state in the pizza skill.
- D. The digital assistant displays the information contained in the Description field of the skill.
- E. The digital assistant displays a dialog to confirm if the user wants help
- F. If the user selects "yes", the skill returns to the system, intent and awaits user input.
- G. The current conversation stops and the skill returns to the system, intent and awaits user input.

**Answer:** D

**NEW QUESTION 47**

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