

Schema

Services

"service_name": "Restaurants_1"

"description": "A leading provider for restaurant search and reservations"

Intents

"name": "FindRestaurants"

"description": "Find a restaurant of a particular cuisine in a city"

"required_slots": ["cuisine","city"],

"optional_slots": {

 "has_live_music": "dontcare",

 "serves_alcohol": "dontcare"

},

"name": "ReserveRestaurants"

"description": "Reserve a table at a restaurant"

"required_slots": ["restaurant_name",
 "city","time"]

Slots

"name": "restaurant_name"

"description": "Name of the restaurant"

...

"name": "has_live_music"

"description": "Boolean flag indicating if the restaurant has live music"

"is_categorical": true

"possible_values": ["True","False"]

"name": "city"

"description": "City in which the restaurant is located"

"is_categorical": false

"possible_values": []

Dialogue

User: I am looking for **Asian** food in **SFO**

System: I found 10 restaurants in **San Francisco**.

User: Any populate one? By the way, I also want to **buy a drink**.

System: There is a nice restaurant called Butterfly Restaurant.

User: Do they have **live music**? **Where are they located**?

System: They do not have live music. They are at 33 The Embarcadero.

Dialogue State Tracking

User Turn 1

intent	FindRestanurants
req_slots	N/A
slot_values	
city	SFO
cuisine	Asian

User Turn 2

intent	FindRestanurants
req_slots	N/A
slot_values	
city	SFO, San Francisco
cuisine	Asian
alcohol	TRUE

User Turn 3

intent	FindRestanurants
req_slots	has_live_music, street_address
slot_values	
city	SFO, San Francisco
cuisine	Asian
alcohol	TRUE