

JSON Format Description

///

This JSON format provides a structured approach to capturing and storing chat conversations between users and chatbots. It ensures that critical details such as message content and sender identity are preserved, enabling effective communication tracking and analysis within chatbot applications.

///

Let's define a JSON format that captures the messages exchanged in a chat conversation. We'll include fields for the user message, chatbot response, and an array to store the entire conversation history.

```
{
  "conversationId": "1234567890",
  "messages": [
    {
      "sender": "user",
      "message": "Hello"
    },
    {
      "sender": "chatbot",
      "message": "Good day!"
    },
    {
      "sender": "user",
      "message": "Is it sunny outside?"
    },
    {
      "sender": "chatbot",
      "message": "Yes, it's quite sunny outside"
    },
    {
      "sender": "user",
      "message": "I should go for a walk"
    },
    {
      "sender": "chatbot",
      "message": "Totally, can I go with you?"
    }
  ]
}
```

In this JSON file we have the following structure:

```
{
  "conversationId": "1234567890",
  "messages": [
```

```
    ...  
  ]  
}
```

Firstly, we have “**conversationId**”, which basically gives us a unique identifier for our conversation with chatbot.

Next we got a “**messages**” array, which will later save our message history inside of itself.

```
{  
  "sender": "user",  
  "message": "Hello"  
},  
{  
  "sender": "chatbot",  
  "message": "Good day!"  
},  
}
```

Inside the “**messages**” array we have two “**sender**” and “**message**”.

“**Sender**” specifies who sent the message, and “**message**” contains the message itself.

For each message JSON file saves the corresponding message within itself.