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Web API Developer Guide

Chat REST API Samples

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Contents

- [1 Chat REST API Samples](#)
 - [1.1 Overview](#)
 - [1.2 Request Chat](#)
 - [1.3 Send Message](#)
 - [1.4 Update User Data](#)
 - [1.5 Chat Complete](#)

Overview

The following are sample code snippets for chat interactions using the REST API of the Web API Server.

A complete list of Chat interaction operations can be found in the [Web API Server API Reference](#).

Request Chat

[+] Sample

```
CreateSessionDetails sessionDetails = new CreateSessionDetails();
sessionDetails.setTenantName("Environment");
sessionDetails.setFirstName("John");
sessionDetails.setLastName("Doe");
sessionDetails.setNickname("Nickname");
sessionDetails.setEmailAddress("email@address");
sessionDetails.setSubject("Subject");

ObjectMapper mapper = new ObjectMapper();
String sessionDetailsString = mapper.writeValueAsString(sessionDetails);

Client client = new Client();
WebResource webResource = client.resource("http://localhost:8080/webapi/api/v2/
chats");

ClientResponse response =
webResource.type(MediaType.APPLICATION_JSON).post(ClientResponse.class, sessionDetailsString);

if (response.getStatus() != 200)
{
    throw new RuntimeException("Failed : HTTP error code : " + response.getStatus());
}

String json = response.getEntity(String.class);
```

Send Message

[+] Sample

```
ChatOperationDetails operationDetails = new ChatOperationDetails();
operationDetails.setOperationName("SendMessage");
operationDetails.setAlias("117");
operationDetails.setSecureKey("very_secure");
operationDetails.setUserId("user1");
operationDetails.setTenantName("Environment");

ObjectMapper mapper = new ObjectMapper();
String operationDetailsString = mapper.writeValueAsString(operationDetails);
```

```
Client client = new Client();
WebResource webResource = client.resource("http://localhost:8080/webapi/api/v2/chats/0000KaA0C8XH03D1");

ClientResponse response =
webResource.type(MediaType.APPLICATION_JSON).post(ClientResponse.class,
operationDetailsString);

if (response.getStatus() != 200)
{
    throw new RuntimeException("Failed : HTTP error code : " + response.getStatus());
}

String json = response.getEntity(String.class);
```

Update User Data

[+] Sample

```
ChatOperationDetails operationDetails = new ChatOperationDetails();
operationDetails.setOperationName("UpdateUserData");
operationDetails.setAlias("117");
operationDetails.setSecureKey("very_secure");
operationDetails.setUserId("user1");
operationDetails.setTenantName("Environment");

Map<String, String> userData = new HashMap<>();
userData.put("key1", "value1");
operationDetails.setUserData(userData);

ObjectMapper mapper = new ObjectMapper();
String operationDetailsString = mapper.writeValueAsString(operationDetails);

Client client = new Client();
WebResource webResource = client.resource("http://localhost:8080/webapi/api/v2/chats/0000KaA0C8XH03D1");

ClientResponse response =
webResource.type(MediaType.APPLICATION_JSON).post(ClientResponse.class,
operationDetailsString);

if (response.getStatus() != 200)
{
    throw new RuntimeException("Failed : HTTP error code : " + response.getStatus());
}

String json = response.getEntity(String.class);
```

Chat Complete

[+] Sample

```
ChatOperationDetails operationDetails = new ChatOperationDetails();
operationDetails.setOperationName("Complete");
operationDetails.setAlias("117");
operationDetails.setSecureKey("very_secure");
```

```
operationDetails.setUserId("user1");
operationDetails.setTenantName("Environment");

ObjectMapper mapper = new ObjectMapper();
String operationDetailsString = mapper.writeValueAsString(operationDetails);

Client client = new Client();
WebResource webResource = client.resource("http://localhost:8080/webapi/api/v2/chats/
0000KaA0C8XH03D1");

ClientResponse response =
webResource.type(MediaType.APPLICATION_JSON).post(ClientResponse.class,
operationDetailsString);

if (response.getStatus() != 200)
{
    throw new RuntimeException("Failed : HTTP error code : " + response.getStatus());
}

String json = response.getEntity(String.class);
```