

Messaging API Arguments

Sender ID:

- *Who is sending the message?*
- Needed to identify who sent the message.

Receiver ID:

- *Who should receive the message?*
- Makes sure the message goes to the right person or group.

Message Content:

- *What does the message say?*
- Holds the actual text or information the sender wants to share.

Timestamp:

- *When was the message sent?*
- Shows the time the message was sent, so messages appear in the right order.

Message Type:

- *What kind of message is it?* (like text, image, or video)
- Helps the app know how to display the message properly.

Attachments:

- *Are there any photos, videos, or files with the message?*
- Allows the user to send extra files along with their message.

Status:

- *What's the message status?* (like "sent," "delivered," or "read")
- Lets users see if their message has been seen or delivered to the recipient.

Reasoning for Each Argument

Each argument above is crucial for providing a functional, user-friendly **Messaging API**:

- **Sender and Receiver IDs** ensure messages reach the right people.
- **Message Content** holds the message text, the core of any chat.
- **Timestamp** maintains message order, especially in real-time chats.
- **Message Type** allows multimedia support (images, videos, etc.).
- **Attachments** allow for media-rich communication, enhancing user interaction.

- **Status** enables read receipts and delivery notifications, improving user engagement and transparency in messaging.