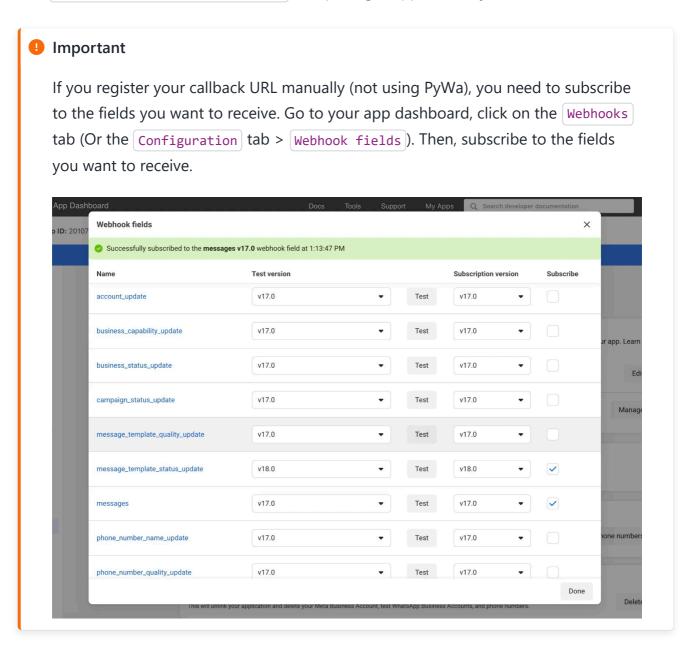# 💬 **Updates**

Updates are the incoming events from WhatsApp Cloud API. They are sent to your webhook URL and constructed by the library to be easily and type-safely to handle.

In WhatsApp Cloud API, the updates called `fields` and need to be subscribed to in order to receive them to your webhook URL.

The currently supported fields by PyWa are:

- `messages` (all user related updates: messages, callbacks and message status updates)
- `message_template_status_update` (template got approved, rejected, etc.)

> ⚠️ **Important**
>
> If you register your callback URL manually (not using PyWa), you need to subscribe to the fields you want to receive. Go to your app dashboard, click on the `Webhooks` tab (Or the `Configuration` tab > `Webhook fields`). Then, subscribe to the fields you want to receive.

| App Dashboard | | Docs | Tools | Support | My Apps | Search developer documentation |

Webhook fields

✅ Successfully subscribed to the **messages v17.0** webhook field at 1:13:47 PM

Name	Test version			Subscription version		Subscribe
account_update	v17.0	▼	Test	v17.0	▼	☐
business_capability_update	v17.0	▼	Test	v17.0	▼	☐
business_status_update	v17.0	▼	Test	v17.0	▼	☐
campaign_status_update	v17.0	▼	Test	v17.0	▼	☐
message_template_quality_update	v17.0	▼	Test	v17.0	▼	☐
message_template_status_update	v18.0	▼	Test	v18.0	▼	☑
messages	v17.0	▼	Test	v17.0	▼	☑
phone_number_name_update	v17.0	▼	Test	v17.0	▼	☐
phone_number_quality_update	v17.0	▼	Test	v17.0	▼	☐

Done

This will unlink your application and delete your Meta Business Account, test WhatsApp Business Accounts, and phone numbers.

> 💡 **Tip**
>
> If you do want to handle other types of updates (fields), you can use the
> `RawUpdateHandler` (or the `on_raw_update()` decorator) to handle them.

The supported fields are automatically handled by PyWa and converted to the following types:

- To handle updates see Handlers

User related updates:

Type	Description
`Message`	A message sent by a user (text, media, order, location, etc.)
`CallbackButton`	A `Button` pressed by a user
`CallbackSelection`	A `SectionRow` chosen by a user
`FlowCompletion`	A flow completed by a user
`MessageStatus`	A message status update (e.g. delivered, seen, etc.)
`ChatOpened`	A chat opened by a user

Account related updates:

Type	Description
`TemplateStatus`	A template status update (e.g. approved, rejected, etc.)

All updates have common methods and properties:

Property	Description
`id`	The update ID
`raw`	The raw update data
`timestamp`	The timestamp of the update
`stop_handling()`	Stop next handlers from handling the update
`continue_handling()`	Continue to the next handler

All user-related-updates have common methods and properties:

`id`	The update ID
`raw`	The raw update data

Method / Property	Description
`sender`	The phone id who sent the update
`recipient`	The phone id who received the update
`message_id_to_reply`	The message id to reply to
`reply_text()`	Reply to the update with a text message
`reply_image()`	Reply to the update with an image message
`reply_video()`	Reply to the update with a video message
`reply_audio()`	Reply to the update with an audio message
`reply_document()`	Reply to the update with a document message
`reply_location()`	Reply to the update with a location message
`reply_contact()`	Reply to the update with a contact message
`reply_sticker()`	Reply to the update with a sticker message
`reply_template()`	Reply to the update with a template message
`reply_catalog()`	Reply to the update with a catalog message
`reply_product()`	Reply to the update with a product message
`reply_products()`	Reply to the update with a list of product messages
`react()`	React to the update with a emoji
`unreact()`	Unreact to the update
`mark_as_read()`	Mark the update as read

Message

`Message`

`Message.has_media`

`Message.is_reply`

`Message.media`

`Message.download_media()`

Message.copy()

MessageType

Callback Button

CallbackButton

Callback Selection

CallbackSelection

Flow Completion

FlowCompletion

Message Status

MessageStatus

MessageStatusType

Chat Opened

ChatOpened

Template Status

TemplateStatus

TemplateStatus.TemplateEvent

TemplateStatus.TemplateRejectionReason

Common methods

BaseUpdate

BaseUpdate.id

BaseUpdate.timestamp

BaseUpdate.stop_handling()

BaseUpdate.continue_handling()

BaseUserUpdate

BaseUserUpdate.sender

BaseUserUpdate.recipient

BaseUserUpdate.message_id_to_reply

BaseUserUpdate.reply_text()

BaseUserUpdate.reply_image()

BaseUserUpdate.reply_video()

BaseUserUpdate.reply_document()

BaseUserUpdate.reply_audio()

`BaseUserUpdate.reply_sticker()`

`BaseUserUpdate.reply_location()`

`BaseUserUpdate.reply_contact()`

`BaseUserUpdate.react()`

`BaseUserUpdate.unreact()`

`BaseUserUpdate.reply_catalog()`

`BaseUserUpdate.reply_product()`

`BaseUserUpdate.reply_products()`

`BaseUserUpdate.reply_template()`

`BaseUserUpdate.mark_as_read()`