

What is a Webhook

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A webhook is a way for one application to automatically send data to another application when an event happens.

Simple Python webhook example

Suppose an Order System creates an order. It sends the order information to your Flask application using a webhook.

Flask webhook receiver (app.py)

```
from flask import Flask, request, jsonify

app = Flask(__name__)

@app.route("/webhook/order", methods=["POST"])
def order_webhook():
    data = request.json

    print("Webhook received!")
    print("Order ID:", data.get("order_id"))
    print("Status:", data.get("status"))

    return jsonify({
        "message": "Webhook received successfully"
    }), 200

if __name__ == "__main__":
    app.run(port=5000, debug=True)
```

Run it:

```
python app.py
```

Your webhook URL is:

http://localhost:5000/webhook/order

Another Python application sends the webhook (app2.py)

```
import requests
```

```
order = {  
    "order_id": "ORD-123",  
    "customer": "Raman",  
    "status": "SHIPPED"  
}
```

```
response = requests.post(  
    "http://localhost:5000/webhook/order",  
    json=order  
)
```

```
print(response.json())
```

The Flask application receives:

```
{  
    "order_id": "ORD-123",  
    "customer": "Raman",  
    "status": "SHIPPED"  
}
```

Output for app.py

Webhook received!

Order ID: ORD-123

Status: SHIPPED

Output for app2.py

```
{'message': 'Webhook received successfully'}
```
