



Webhooks

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What is **Webhook**?

- Webhooks allow sending real-time data from one application to another based on events.
- Data gets send from (server) application where an event occurs to (client) application that wants updates.
- A server application can send data in GET, POST, or any valid HTTP request.
- **Stripe**, **Zapier**, **Github** are some examples of platforms that provide Webhook functionality.

Why **Webhooks**, not **REST**?

- REST follows the pattern of **Pulling** data, while Webhooks provides a way to **Push** data.
- Modern applications use many third-party applications like Payments Gateways.
- Instead of pulling the latest data frequently from third-party applications, it becomes easy if services send the latest data to the app.



How **Webhook** works?

- To get updates, the Client application needs to register a webhook on the server application.
- For example, On GitHub, we can add a webhook for repository on [/settings/hooks](#) section with the following URL,

<https://abc.com/activity-details>

- Now GitHub will make POST requests with updates when some activity happens on the repository.

Thanks for reading,
let's connect



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