

Welcome to the Eventedd Web

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- ✓ Translator of Ruby-lang.org
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3 ages of the Web





REST API

Clients ask resources and server respond pond



Real-time events?









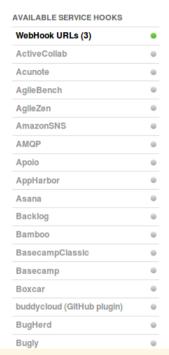


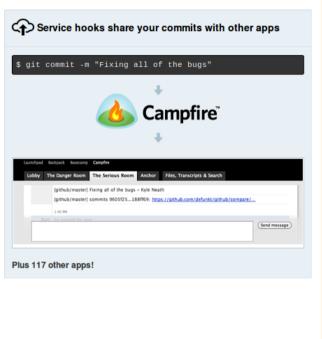
Example

- ✓ When I commit on github
- ✓ Travis-Cl run the build
- ✓ And campfire announces the result

Example







How it works?

One word: WebHooks!

« Don't call me, I'll call you »

Stripe doc (extract)

Webhooks solve these problems by letting you register a URL that we will POST anytime an event happens in your account. When the event occurs, for example when a successful charge is made in your account, Stripe creates an event object. This object contains all the relevant information, including the type of event and the data associated with that event. Stripe then sends an HTTP POST request with the event object to any URLs in your account's webhook settings.

Incompatible payloads?

Why Webscript?



App Backends

Webscripts respond to HTTP requests, making them easy to call from web and mobile apps.

Webscripts have all the features you need, like password hashing and persistent storage, plus the full programmability of Lua.

Webhook Targets



Many developer tools, such as GitHub and Stripe, offer webhooks as a way of delivering notifications.

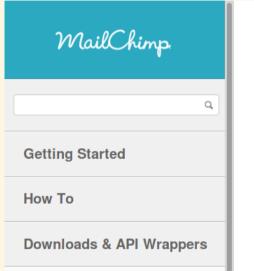
Webscripts are a fast and easy way to receive those webhooks. Our built-in request logging makes them equally easy to debug on-the-fly.

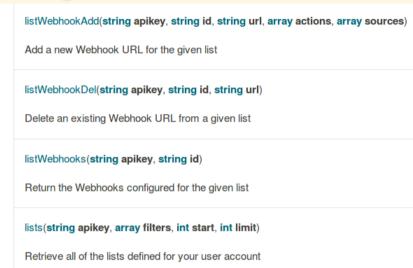
How to debug?

- ✓ Inspect HTTP requests
- ✓ http://requestb.in/

Bonus points

A rest API to manage the webhooks!





Webhooks for twitter?

Not a good idea!



France TV Info



Solutions are there

- ✓ Polling
- ✓ Long polling (Comet)
- ✓ HTTP Streaming g
- ✓ WebSockets
- ✓ EventSource

Polling & Long-polling

- ✓ It's OK if you have less than one message per second
- ✓ Can consume many resources if you have many clients
- ✓ But it works!

HTTP Streaming

- ✓ Very complicated to use in browsers
- ✓ But OK for other use cases

WebSockets

- Probably too complex
- Not easy to deploy

EventSource

- ✓ Send pings if you want to keep the connection active
- ✓ Polyfill for old browsers
- ✓ Easy to implement and deploy
- **⇒ A** clear winner

Conclusion

- ✓ The web is now evented
- ✓ So don't forget our two tools
- ✓ WebHooks
- ✓ EventSource

Questions?



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