

Webhooks

Table of Contents

1. What is a webhook:	1
2. Configure the third party service	1
3. Configure webhooks in Taiga	1
4. Developing your own integration	3

Taiga comes with an easy third party integration system based on webhooks. Some applications can be integrated with it, and you can configure each one in Taiga.

1. What is a webhook:

A webHook is an HTTP callback: an HTTP POST that occurs when something happens; a simple event-notification via HTTP POST. A web application implementing webHooks will POST a message to a URL when certain things happen.

In other words a webhook is a way for an app to provide other applications with real-time information. A webhook delivers data to other applications as it happens, meaning you get data immediately.

Taiga emits a webhook when

- a sprint is created, updated or deleted.
- a user story is created, updated or deleted.
- a task is created, updated or deleted.
- an issue is created, updated or deleted.
- a wiki page is created, updated or deleted.

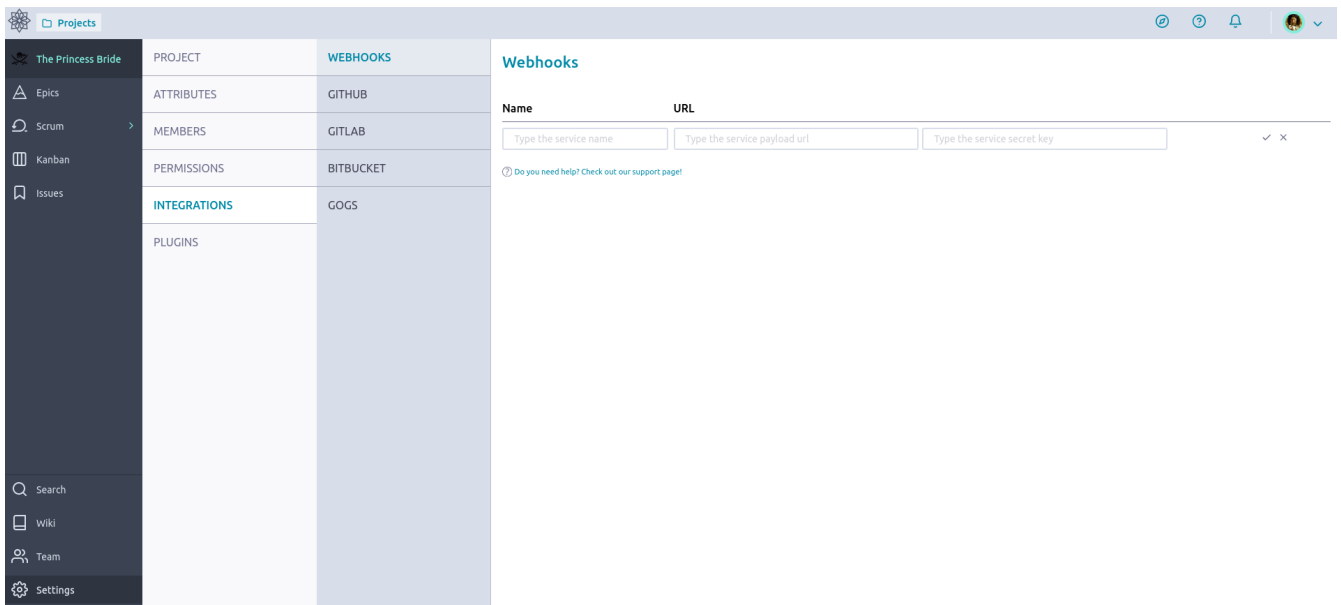
2. Configure the third party service

First of all, be sure that the service supports the Taiga webhooks and it's able to understand and process the messages Taiga sends. If we are sure that it's possible we can start:

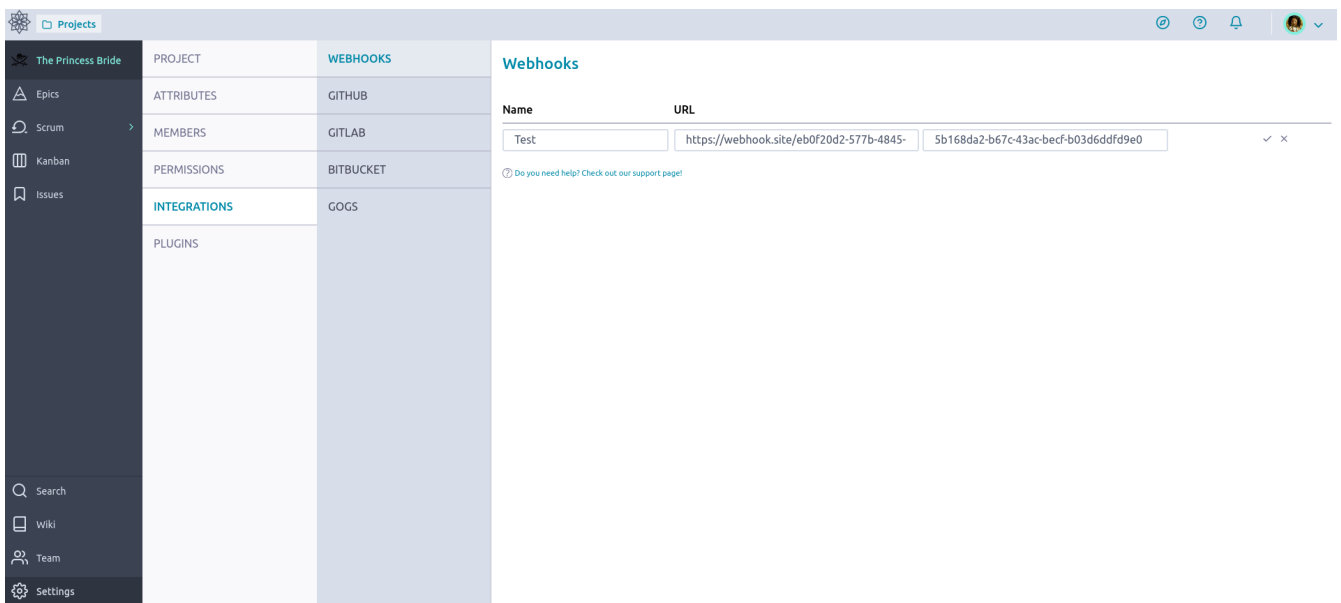
1. Go to your service and search for support about how to enable Taiga webhooks, and do it.
2. After enabling it, you need to Copy the **payload url** for the webhook and the **secret key**.
 - The **payload url** is the service endpoint that will receive the information sent by Taiga.
 - A **secret key** is a string (long is better) that is used to encrypt and decrypt a message so that only those who know the key can decrypt and read it.

3. Configure webhooks in Taiga

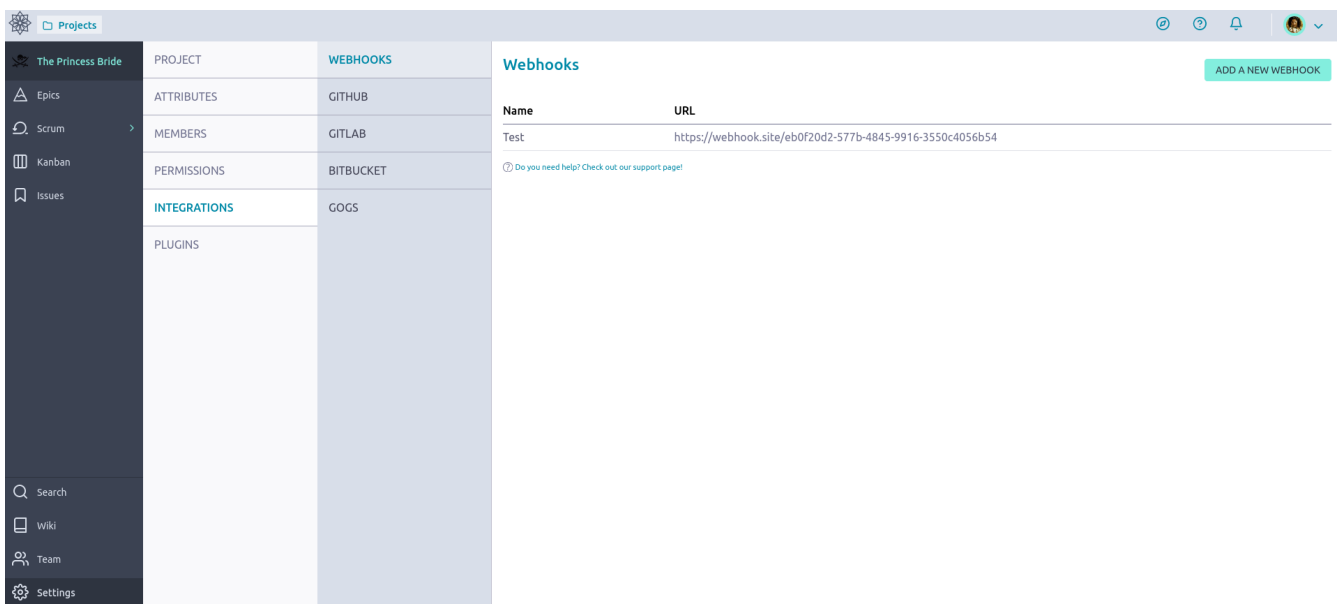
- Go to **Admin > Integrations > Webhooks**.



- Fill the **name**, **secret key** and **payload url** based on the data provided by your service.

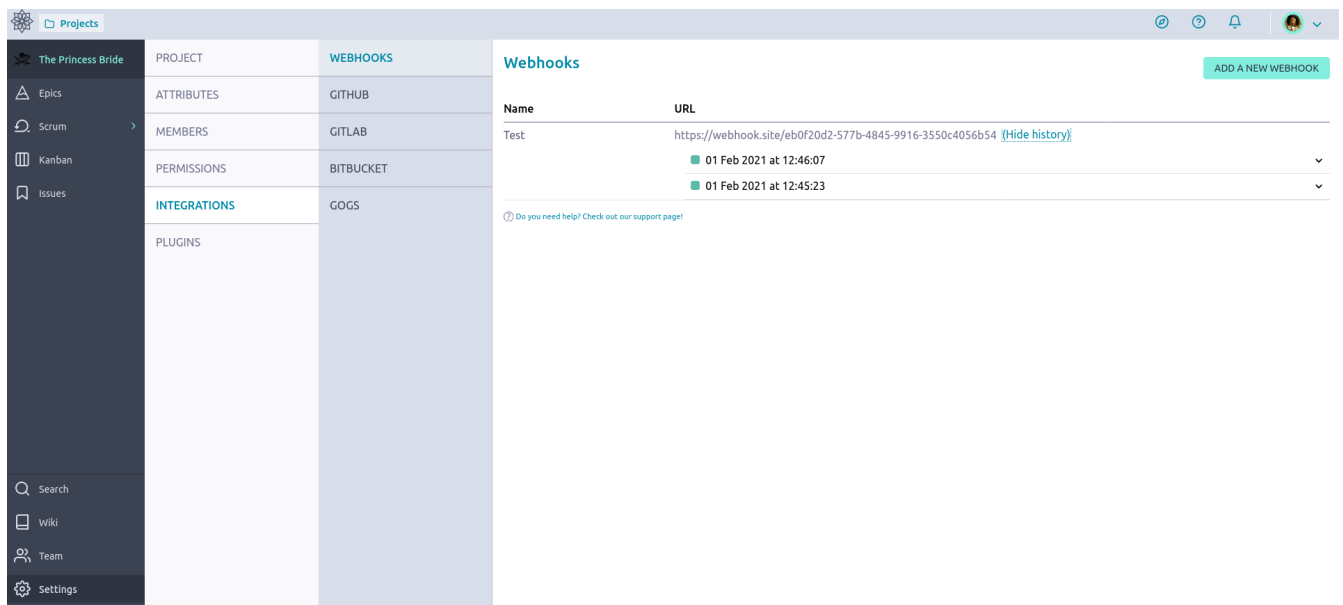


- Save the changes and the webhook will be created.

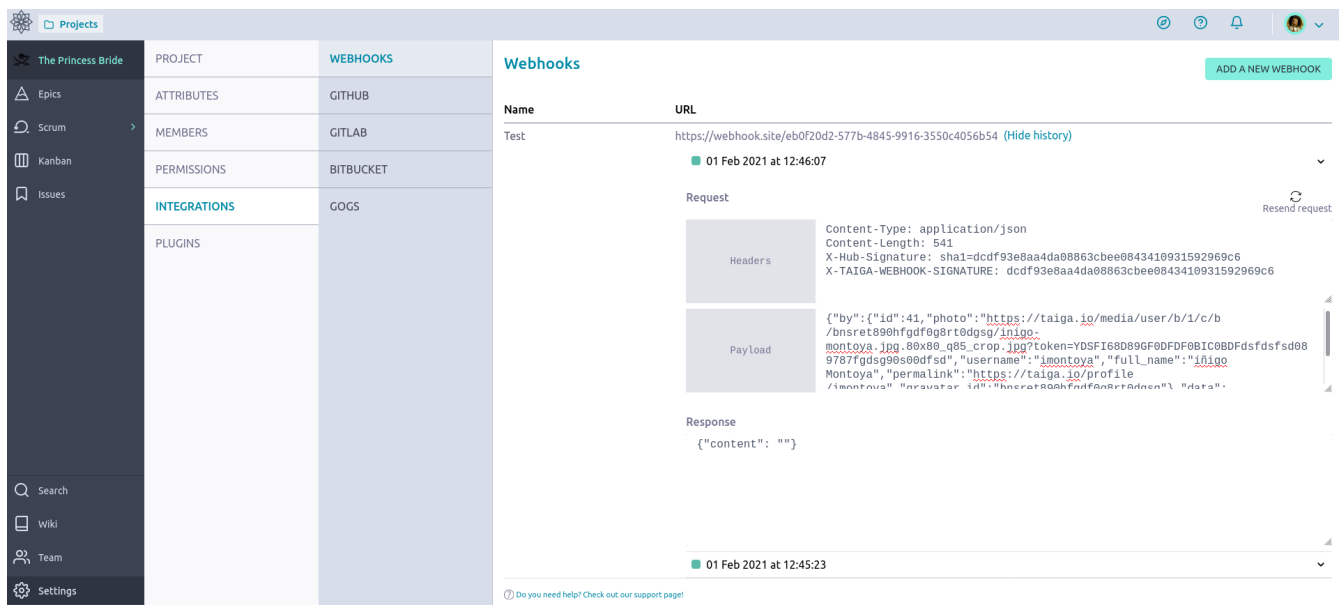


After creating a webhook you'll be able to edit, delete, or test if it works properly.

And you can view the history of the calls done.



The screenshot shows the Taiga webhooks interface. On the left is a sidebar with navigation options: The Princess Bride, Epics, Scrum, Kanban, Issues, Search, Wiki, Team, and Settings. The main content area is divided into two columns: PROJECT and WEBHOOKS. The PROJECT column has a sub-menu with ATTRIBUTES, MEMBERS, PERMISSIONS, INTEGRATIONS, and PLUGINS. The WEBHOOKS column shows a list of webhooks. The first webhook is named 'Test' with the URL 'https://webhook.site/eb0f20d2-577b-4845-9916-3550c4056b54'. It has two status entries: '01 Feb 2021 at 12:46:07' and '01 Feb 2021 at 12:45:23'. There is a 'Hide history' link next to the URL. At the bottom of the list, there is a link: 'Do you need help? Check out our support page!'. On the right side of the interface, there is a button labeled 'ADD A NEW WEBHOOK'.



This screenshot shows the detailed view of a webhook call in the Taiga interface. The left sidebar and the PROJECT/WEBHOOKS columns are the same as in the previous screenshot. The 'Test' webhook is selected, and its details are shown on the right. The URL is 'https://webhook.site/eb0f20d2-577b-4845-9916-3550c4056b54' with a 'Hide history' link. Below the URL, there is a 'Resend request' button. The 'Request' section is expanded, showing 'Headers' and 'Payload'. The 'Headers' section contains: 'Content-Type: application/json', 'Content-Length: 541', 'X-Hub-Signature: sha1=dcdf93e8aa4da08863cbec0843418931592969c6', and 'X-TAIGA-WEBHOOK-SIGNATURE: dcd93e8aa4da08863cbec0843418931592969c6'. The 'Payload' section contains a JSON object:

```
{
  "by": {
    "id": 41,
    "photo": "https://taiga.io/media/user/b/1/c/b/bnsret89ehfgdf0g8rt0dgsq/inigo-montoya.jpg.80x80_q85_crop.jpg?token=YDSFI68089GF0DF0BIC88DFdsfdfs089787fgds90s00dfsd",
    "username": "imontoya",
    "full_name": "inigo Montoya",
    "permalink": "https://taiga.io/profile/imontoya",
    "avatar": "https://taiga.io/profile/imontoya"
  },
  "data": {}
}
```

 Below the request, the 'Response' section shows:

```
{
  "content": ""
}
```

 At the bottom, there is a status entry: '01 Feb 2021 at 12:45:23'. A link 'Do you need help? Check out our support page!' is at the bottom left of the main content area.

4. Developing your own integration

If you want to integrate your own system with the Taiga webhooks, you can see the technical documentation about [webhooks system](#).