

# What is a DrChrono API application?

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DrChrono Restful APIs allow your practice to connect to other services and leverage your data.

In this article, we will go over creating an API application and more.

## Creating an API Application

Sign in to your DrChrono account and navigate to Account > API. Create a new application by selecting "New Application".

(To note, the staff permission "Settings" will need to be enabled to access the API Page)

This is what you will see from the initial setup:

The screenshot shows the initial setup form for a new API application. The form includes the following fields and options:

- Name:** A text input field containing "Application Name".
- Client ID:** A text input field with a "Show" button next to it.
- Client Secret:** A text input field with a "Show" button next to it.
- Redirect URIs:** A text input field containing "Must be a valid URI (like https://... or myapi)". To the right are "Remove" and "+ Add new" buttons.
- API Version:** A dropdown menu set to "v4 (Hunt Valley)". To the right is a "Documentation" link.
- Patient Iframe:** A section with two input fields: "Iframe URL" and "Iframe Height" (with a "px" unit selector).
- Clinical Notes Iframe:** A section with two input fields: "Iframe URL" and "Iframe Height" (with a "px" unit selector).

A yellow callout box on the right side of the form is titled "PRIVATE Mode" and contains the following text: "This application is in PRIVATE mode. This means that only you or others in your practice group will be able to authenticate and use this app. In this mode, your app is only usable by your practice group, we call this 'PRIVATE Mode'. If you have questions, feel free to ask in our [developer community](#). Contact [api@drchrono.com](mailto:api@drchrono.com) if you would like to remove this restriction mode and go into 'PUBLIC Mode'."

At the bottom right of the form is a blue "Save Changes" button.

You can use any name to name your app, but we recommend naming the app that will closely serve its purpose. The second requirement to complete the application progress is adding a redirect URI that you know is secure. Once you input those two values, please select "Save Changes"

There you have it! You created your first API app and now the Client ID and Client Secret are valid to use.

## Additional Context

Let's explore the different fields and sections of your API app.

## Data Connection Service

Name

Client ID

Client Secret

Redirect URIs

API Version  [Documentation](#)

### PRIVATE Mode

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### Patient Iframe

Iframe URL

Iframe Height  px

### Clinical Notes Iframe

Iframe URL

Iframe Height  px

### Webhook

Name

Callback URL

Secret Token

Verify This webhook is **NOT** verified

Active  We will deliver event detail when this hook is triggered.

Events

- APPOINTMENT\_BILLING\_STATUS\_BI:** Any time an appointment's billing status reaches 'Bill Insurance'
- APPOINTMENT\_BILLING\_STATUS\_RTb:** Any time an appointment's billing status reaches 'Ready to Bill'
- APPOINTMENT\_CREATE:** Any time an appointment is created
- APPOINTMENT\_DELETE:** Any time an appointment is deleted
- APPOINTMENT\_MODIFY:** Any time an appointment is modified
- CASH\_PAYMENT\_DELETE:** Any time a patient payment is deleted
- CLINICAL\_NOTE\_LOCK:** Any time a clinical note is locked
- CLINICAL\_NOTE\_UNLOCK:** Any time a clinical note is unlocked
- LINE\_ITEM\_CREATE:** Any time a line item is created
- LINE\_ITEM\_DELETE:** Any time a line item is deleted
- LINE\_ITEM\_MODIFY:** Any time a line item is modified
- LINE\_ITEM\_TRANSACTION\_DELETE:** Any time a line item transaction is deleted
- PATIENT\_ALLERGY\_CREATE:** Any time a patient allergy is created
- PATIENT\_ALLERGY\_MODIFY:** Any time a patient allergy is modified
- PATIENT\_CREATE:** Any time a patient is created
- PATIENT\_FLAG\_CREATE:** Any time a patient flag is created
- PATIENT\_FLAG\_MODIFY:** Any time a patient flag is modified
- PATIENT\_MEDICATION\_CREATE:** Any time a patient medication is created
- PATIENT\_MEDICATION\_MODIFY:** Any time a patient medication is modified
- PATIENT\_MODIFY:** Any time a patient is modified
- PATIENT\_PROBLEM\_CREATE:** Any time a patient problem is created
- PATIENT\_PROBLEM\_MODIFY:** Any time a patient problem is modified
- TASK\_CREATE:** Any time a task is created
- TASK\_DELETE:** Any time a task is deleted
- TASK\_MODIFY:** Any time a task is modified and Any time creation, modification and deletion of task notes, associated task items
- VACCINE\_ADMINISTERED:** Any time a vaccine consent form is signed

Ping

Deliveries [Click to see recent deliveries](#)

From the image above, you will see that this is your typical API application. Let's start with the Iframe section. There are two areas an iframe can live; the patient chart and the clinical notes. Think of this as a landing page for your website. If you like to learn more about our iframe please follow the below link:

[iframe Documentation](#)

[iframe Documentation 2](#)

The last section of the API app is our webhooks. As shown above, we provide a range of events that you can subscribe to.

A webhook is a way for one application to automatically send data to another application or service when specific events occur, enabling real-time updates and automation without manual intervention. It acts like a trigger that initiates actions in response to events, facilitating seamless integration between different systems.

To learn more about our webhooks please follow the link below.

[Webhook Documentation](#)

# Rate Limit

An API app has a default rate limit of 500 calls per hour. This rate resets at the top of the hour. If your account has multiple applications, the rate limit will be based on an individual level. This means app A will not use up app B's rate.

If you believe that you need to increase the rate limit please email [api@drchrono.com](mailto:api@drchrono.com) and provide the following information.

1. The name of your API application
  2. Context regarding your API calls/methods
  3. Expected API usage
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