# Your Learning Ecosystem:
A Guide to BenchPrep's Developer Tools

BenchPrep's Developer Tools are designed to ensure your LMS, and the data it generates, is connected to the rest of your tech stack. BenchPrep offers a robust ecosystem of developer tools, including APIs, webhooks, and connectors, that enable organizations to quickly and efficiently push data to, and pull data from, the BenchPrep platform.

Successful learning organizations employ automation to connect their entire technology stack to reduce their operational overhead, to optimize their time-to-value, and to better allocate human resources to high-impact, revenue-generating activities.
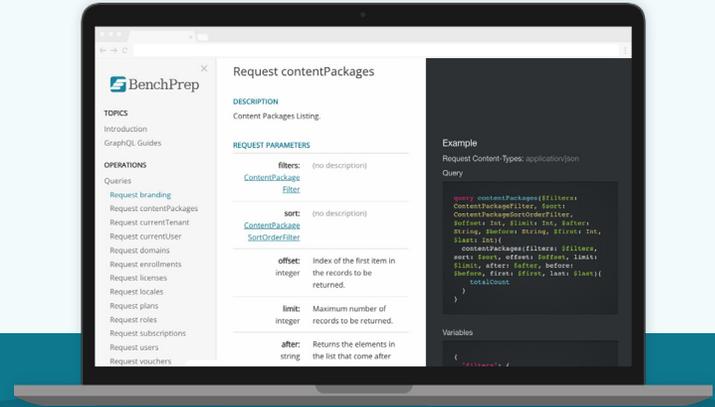
GraphQL API

What is GraphQL?

GraphQL is a modern query language designed to make APIs fast, flexible, and developer-friendly. GraphQL prioritizes giving developers exactly the data they request, and no more.

What can I use the BenchPrep GraphQL API for?

BenchPrep's GraphQL API can be utilized to programmatically perform administrative tasks and to establish automated data flows between BenchPrep and external applications, such as:

- **Users:** CRUD (create, read, update, deactivate) users
- **Roles and permissions:** assign and remove user roles
- **Access:** extend & remove licenses, create & redeem vouchers
- **UI Configuration:** manage footer copy, locales, landing page copy, colors, and more
- **Course Progress:** view course progress and resets
- **Feature Accesses:** turn features on or off at both the Tenant and Course level

What are the benefits of API access?

BenchPrep's GraphQL API enables you optimize operational efficiency and time-to-value by automating administrative actions and data flows - saving you time and ultimately improving your operational workflows.

Developers can self-serve with the GraphQL API by leveraging our detailed documentation.
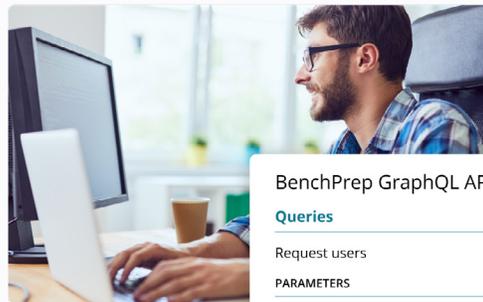
BenchPrep GraphQL API

Queries

Request users   #Queries

PARAMETERS

filters: description

Webhooks

What are Webhooks?

Webhhooks deliver data to external solutions immediately when an activity happens. A Webhook (also called a web callback or HTTP push API) is a way for an application to deliver other applications real-time data. Unlike a typical API, where you need to fetch data manually or schedule data delivery, webhooks deliver data to other applications immediately after a defined "trigger event" occurs.

What can I use Webhooks for?

With Webhooks, you can configure - via UI or API - automatic and instantaneous delivery of learner data to other systems. Updating learner records, issuing digital credentials, and triggering marketing communications are easier, and more timely, than ever before.

What are the benefits of using Webhooks?

Webhooks can be utilized to ensure that data is up-to-date in external systems, and to trigger automated actions in other applications. Visit our documentation for more information on leveraging Webhooks.

Leverage Webhooks to deliver information to another database or application whenever a certain event occurs:

- **Real-time reporting:** Ensure learner data is instantly sent to your Customer Relationship Management (CRM) or Association Management System (AMS) to ensure synchronization with the BenchPrep platform.

  Have your data all in one place to compare and contrast learner behavior and garner insights!

- **Issue digital credentials:** As soon as a learner completes an activity, ensure that data is sent to your digital credentialing solution so learners receive their badge, certificate, or credit immediately.

- **Learner engagement and marketing:** Send learner activity data to your marketing automation tool whenever a learner completes a particular course or exam to trigger immediate communication with targeted content recommendations and/or offers.

Connectors

What are Connectors?

Connectors are pre-built integrations that make it easy for you to streamline user experiences and data.

What are the benefits of using Connectors?

Connectors make it simple for you to connect your other software and applications with your learning program on BenchPrep. Help learners stay engaged by providing unique learning experiences right on BenchPrep – and have all the data and insights you need to understand what's working, and where learners may be struggling.

What can I use Connectors for?

BenchPrep has out-of-the-box, pre-built connectors with BigCommerce, Zoom Meetings, and Skillable Labs.

BigCommerce is a configurable and flexible ecommerce platform that has everything you need to market, sell, and facilitate streamlined platform and course access for your customers.

Integrate your Zoom Meetings account with BenchPrep to provide a virtual learning environment with accessible learning sessions. Host Virtual Instructor-Led Training (VILT) sessions, coordinate 1:1 and/or small group meetings, hold instructor office hours, and make any other meetings, trainings, or events available right from your LMS.

BenchPrep's Skillable integration facilitates best-in-class performance-based learning through a cohesive experiential social learning experience, while streamlining actional data for administrators, content managers, and instructors.

For more information on BenchPrep's Developer Tools, visit benchprep.com, or reach out to your Customer Success Manager to learn more.