



Technology Resource Discoverability

Utilize our dynamic RESTful API at api.labstats.com to craft resource discoverability tools to achieve campus-wide goals by streamlining tasks, and enhancing student experiences.

Elevate student success by:

- Displaying available campus computers based on lab activity, hours, and available software.
- Creating intuitive navigation tools and offering directions to nearby technology hubs.
- Seamlessly integrating addresses and GPS coordinates for a user-friendly experience.

Improve IT system efficiency by:

- Using LabStats data to identify true software demand and supporting student needs accordingly.
- Eliminating the need for campus-wide deployment of expensive licenses.

Whether using in-house expertise or partnering with a third-party developer, our data empowers you to answer students' daily questions through personalized discoverability solutions.

You can incorporate these endpoints into your existing mobile app, campus map app, website, and/or public displays, to help users find the exact spaces, machines, and software they need.

Required Step: Publicizing Available Computer Labs and Their Status

At the core of our solution lies the essential first step: publicizing a detailed list of available computer labs. This comprehensive list not only enumerates the computer labs across the campus but also highlights the number of computers housed within each lab. Additionally, the real-time availability status of computers within these labs is provided, ensuring that students can seamlessly locate and access the resources they need for their academic pursuits.

- /groups
- /groups/{id}/status

Optional Enhancements: Tailoring the Experience to Institutional Needs

After completing the required step, LabStats extends a plethora of optional enhancements, each designed to augment the depth and breadth of the computer usage data provided:

Adding Amenities and Physical Address: Elevating the experience further, institutions have the option to add information about various amenities and features available within each computer lab. Whether it's printing facilities, collaborative spaces, or specific equipment, this feature empowers students to make informed decisions regarding their choice of lab. Moreover, LabStats enables

institutions to provide physical addresses and navigation details for each lab, ensuring that students can easily find and access these spaces.

- /groups/{id}/lab_features

Incorporating Hours of Operation: Enhancing operational efficiency, LabStats allows institutions to include detailed schedules of operation for each computer lab. This information ensures that students are aware of the lab's opening and closing times, enabling them to plan their study sessions effectively.

- /schedules

Listing Computers: For a more comprehensive insight, LabStats offers the ability to list all computers within each lab, shedding light on the hardware resources available.

- /groups/{id}/stations

Listing Software Titles: Institutions can furnish the platform with a catalog of available software titles within each lab, enabling students to align their lab choice with the specific tools they require for their coursework.

- /groups/{id}/stations
- /stations/{id}/apps

Establishing Remote Connections: Recognizing the evolving learning landscape, LabStats facilitates remote connectivity by offering a link to establish a remote connection into a lab computer using an RDP (Remote Desktop Protocol) file. This feature empowers students to access lab resources from remote locations, fostering seamless and flexible learning experiences.

- /groups/{id}/stations
- /stations/{id}/rdp

A Holistic Approach to Academic Excellence

Through these features and endpoints, LabStats is not merely a data provider but a strategic partner to educational institutions. Our platform transforms raw data into actionable insights, enabling institutions to optimize their computer lab resources, enhance student engagement, and facilitate more efficient learning environments. By integrating technology with education, LabStats paves the way for a future where students and institutions thrive together.