App Manual

- LNC App TimeEvaluation
- LNC App CalendarManipulation
- LNC App CloudDriveGallery (Archived)
- LNC Apps AzFunctionsPerformance

LNC App TimeEvaluation

> Have you ever wondered how much time you spend working on your studies every week?
>
> Or how much time this meeting series from your boss takes away from your actual work?
>
> How long have you been talking to your girlfriend or boyfriend in the last month?

LNC App TimeEvaluation enables you to do exactly these evaluation and gives you a precise list and summary of your working time. Based on your calendar data, you can analyze your time management and improve it for future projects. The tool can also make your life easier when billing your working time to specific customers.

Try it out today at: https://apps.lucanoahcaprez.ch/apps/calendartools

App Information

LNC App TimeEvaluation is a small piece of software that allows you to create an evaluation based on previous events in your calendar. You can use TimeEvaluation to search the calendar specifically and apply various filter options. At the end of the evaluation, you will receive a summary of the total time of all calendar entries that match the search criteria.

It is a tool that works perfectly in addition to the working method described here: Tasks to appointment w... | LNC DOCS (lucanoahcaprez.ch)

Sign in Options

This app is designed to work with Google and Microsoft sign in. This means that either the Google Calendar or the Microsoft Calendar (Outlook / Exchange) can be evaluated using there corresponding interface (API).

Permissions

If you use the app for the first time, you will be prompted to grant access on behalf of your current user account. The app requires the permissions to **read** your **calendar** data. If you log in with a local account, you will be prompted to sign in with Google or Microsoft.

Limitations

- Return max 750 elements per request.
- For calendar entries that originate from a series booking, only the time of the first entry counts and not the repetitions. The reason for this is that the entries are not actually present in the calendar but are displayed from the original entry.

User Guide

1. **Sign In:** Sign into LNC Apps in your Browser: Login.
2. **Open App:** Search or navigate to "CalendarEvaluation" and open the app. Alternatively use the direct link: https://apps.lucanoahcaprez.ch/apps/calendartools.
3. **Calendar Selection*:** The first thing to do is the calendar selection. All calendars that you own as a user are displayed here. Select the correct calendar and go to the next step.
4. **Time Period:** Select a time period. This restricts the search and replace accordingly. To have no restriction and go through all entries, leave the selection empty or click on “Cancel”.
5. **Evaluation Name*:** Next is the most important field. Here you have to enter a word or a title that you want to evaluate. The system will search for this term in the title of the calendar entries.
6. **Filter Options:** Finally, you can apply filters. These are ticked with the box and can also be combined together. Read the description carefully.
7. **Start Evaluation:** Click on the button "Create evaluation" and wait for the results to appear on the screen.

Mandatory inputs

The output of the app is a short summary of the calendar elements and a detailed list for further evaluation or export.

LNC App CalendarManipulation

LNC App CalendarManipulation enables you to leverage the power of your calendar and enables you to standardize certain naming. Based on your calendar data, you can search and replace the entries subject name. This means that you can tidy up your calendar. You also have various filter options to set exactly what you want to change and where. Of course, there is a preview of the planned changes, which you can then adapt.

Try it out today at: https://apps.lucanoahcaprez.ch/apps/calendartools

App Information

LNC App CalendarManipulation is a unique piece of software that should integrate seamlessly into your current workflow. It allows you to create a manipulation request for existing calendar entries based on several filtering options and parameter. You can use CalendarManipulation to search the calendar specifically and replace certain terms. At the end of the manipulation, you will receive a summary of all elements that will be changed once you approve it. It builds up on the LNC App CalenderEvaluation tool and extends the read permission with change functionalities. Learn more about LNC App CalendarEvaluation here: LNC App TimeEvaluation | LNC DOCS (lucanoahcaprez.ch)

Also it is a tool that works perfectly together with the working method described here: Tasks to appointment w... | LNC DOCS (lucanoahcaprez.ch)

Sign in Options

This app is designed to work with Google and Microsoft sign in. This means that either the Google Calendar or the Microsoft Calendar (Outlook / Exchange) can be evaluated using there corresponding interface (API).

Permissions

If you use the app for the first time, you will be prompted to grant access on behalf of your current user account. The app requires the permissions to **read and write** your **calendar** data. If you log in with a local account, you will be prompted to sign in with Google or Microsoft.

User Guide

1. **Sign In:** Sign into LNC Apps in your Browser: Login.
2. **Open App:** Search or navigate to "TimeEvaluation" and open the app. Alternatively use the direct link: https://apps.lucanoahcaprez.ch/apps/calendartools
3. **Calendar Selection*:** The first is the calendar selection. All calendars that you own as a user are displayed here. Select the correct calendar and go to the next step.
4. **Time Period:** Select a time period. This restricts the search accordingly. To have no restriction and search all entries, leave the selection empty or click on “Cancel”.
5. **Search Name*:** The app will search for this term in your calendar. It will take the whole subject and searches if the term is present.
6. **Replace Name*:** With this term you specify what the replaced element will look like. It will take the input from the "Search Name" field and replaces this part of the subject with the value you specify in "Replace Name".
7. **Filter Options:** Finally, you can apply filters. These are ticked with the box and can also be combined together. Read the description carefully.
8. **Preview replaced Subject:** Click on the button "Preview replaced Subject" and wait for the table to appear on the screen. This table gives you an overview of the changes that will be made, once you click on the next button.
9. **Apply replaced Subject:** This will change your data in the calendar according to the previewed table entries. You will see a confirmation message that reports how many elements have been changed.
   Important: Wait until confirmation message appears or else you will have a discrepancy between your actual calendar data and the previewed table entries.

Mandatory inputs

LNC App CloudDriveGallery (Archived)

LNC App CloudDriveGallery let's you create galleries from your existing cloud storage. Manage content and files from your regular file system and publish them as galleries.

Try it out today at: https://apps.lucanoahcaprez.ch/clouddrivegallery

App Information

This app is designed to simplify picture publishing for sharing. There are a lot of paid tools that provide a great user experience with high resolution picture and features like like & download analytics. They all have the drawback of costing a lot of money. This app works as a proxy between your cloud storage (OneDrive) and the end user. This means that you have the benefit of low storage costs, easy picture maintenance (adding new photos, deleting some, updating the content, etc.) and centralized.

Sign in Options

All accounts are supported on CloudDriveGallery. This app is designed to work with LNC Apps Accounts, Google and Microsoft sign in. This means that there is no need to provide permissions to Google or Microsoft resources.

Permissions

No specific permissions are needed. The app is assigned to the default group without any restrictions on visibility.

Limitations

- Currently only OneDrive Personal links are possible (will be extended to other clouds based on demand).
- Currently only image sorting by name is available.
- Currently only public galleries are supported. There is no possibility to protect the access with passwords.

- Make sure to share the folder containing the images using the "Public" sharing options and without an expiry date.

User Guide

Create new Gallery

> Make sure to check the limitations section to avoid possible malfunctions.

1. **Sign In:** Sign into LNC Apps in your Browser: Login - LNC APPS (lucanoahcaprez.ch).
2. **Open App:** Search or navigate to "CloudDriveGallery" and open the app. Alternatively use the direct link: https://apps.lucanoahcaprez.ch/clouddrivegallery.
3. **Create your first gallery:** When you open the use the app for the first time you only see the section "Create Gallery". Fill out the form accordingly.
4. **Gallery Name*:** Enter the name of the gallery. This name will be used to identify the gallery in the overview and will be displayed on the shared link.
5. **Shared Cloud Link*:** This is the link to your shared folder. Go to your cloud drive and share the folder containing your images. **Published Status*:** Select the publishing status of the gallery. Select if the gallery should be protected using password or if the link is enough to visit the pages.
6. **Image Sorting*:** Sort the sequence of images based on your preference.
7. **Cloud Provider*:** With this option you have to specify which cloud provider you are using. This must match with the provided URLin the previous field "Shared Cloud Link"!
8. **Thumbnail URL:** If you want to set a cover image for the gallery, you can specify an image. If you don't provide a URL to an image, the first one of the shared link will be used.
9. **Gallery Description:*** Describe what you gallery is for and write some text for the audience because this text will be displayed on the webpage above the image gallery.

Open & Share Gallery

> For this step you need to create your first gallery.

1. Open the app and sign in with your account: https://apps.lucanoahcaprez.ch/clouddrivegallery.
2. Go to the second section "Manage Galleries". This displays your created galleries (If you don't see this section, make sure to create your first gallery. This is described in the previous chapter.).
3. Search your gallery and click on the button "OPEN". This will redirect to the client view. Here you can check if all works as expected. You can then copy the link from the URL bar and share this using your preferred communication method.

Update Gallery

> For this step you need to create your first gallery.

1. Open the app and sign in with your account:
   https://apps.lucanoahcaprez.ch/clouddrivegallery.
2. Go to the second section "Manage Galleries". This displays your created galleries (If you don't see this section, make sure to create your first gallery. This is described in the previous chapter.).
3. Search your gallery and click on the button "EDIT". This will scroll to a newly displayed chapter. Here you can edit all parameters and submit the form to adjust some parameters. To review the changes and share the gallery follow the chapter "Open & Share Gallery".

Mandatory inputs

LNC Apps AzFunctionsPerformance

Azure Functions Performance is a benchmarking and comparison tool designed to help developers analyze, compare, and visualize performance characteristics of Azure Functions across multiple runtimes (such as .NET, Node.js, Python, PowerShell, and Java). The tool deploys identical workloads to Azure Functions in different languages and visualizes latency trends, enabling data-driven decision-making for performance optimization in serverless environments.

What is the community tool AzFunctionsPerformance?

Modern serverless applications often rely on Azure Functions due to their scalability and cost-efficiency. However, performance can vary significantly between runtimes, workloads, and hosting plans. AzFunctionsPerformance provides:

- A deployable benchmark suite that provisions function apps in various runtimes.
- A static web UI that runs tests and visualizes results.
- A framework to execute common workload patterns (CPU, IO, delay) with controlled parameters.
- Comparative insights to inform performance tuning and architectural choices.

All resources, technical documentation and more can be found in the Github repository: Azure-Functions-Performance

---

Supported Runtimes

- .NET
- Node.js
- Python
- PowerShell

- Java

Each runtime exposes identical workload parameters to ensure fair and consistent benchmarking.

Use Cases

- Compare raw performance of Azure Functions across languages.
- Understand latency and execution trends for specific workload types.
- Evaluate impact of Azure hosting plans under load.
- Validate performance regression after code or configuration changes.
- Educate teams about performance variability in serverless environments.

Architecture Overview

AzFunctionsPerformance comprises three logical components:

1. Deployment Templates

- Bicep / ARM templates for provisioning:
  - One Azure Function App per runtime
  - Required storage dependencies
  - Application Insights for log analysis

2. Functions

- Identical benchmark functions per runtime
- Parameterized CPU, IO, and delay workloads

3. Web App

- Static UI for:
  - Registering signed function URLs
  - Running benchmark batches
  - Visualizing latency results
  - Comparing runtimes

This can either be run by yourself or using the free link that is provided publicly: Public Example

Get Started Yourself

If you want to explore the tool AzFunctionsPerformance hands-on, you can deploy and run the benchmark suite yourself. The complete source code, deployment templates, and web UI are available in the Azure-Functions-Performance repository on Github and are MIT licensed.

You can get started by cloning the repository and following the setup instructions provided in the README: https://github.com/lucanoahcaprez/Azure-Functions-Performance