

Google Apps Script Projects: Step By Step Guides to Google Apps Script

Google Apps Script is a versatile scripting platform that allows users to automate tasks, enhance productivity, and extend the functionality of various Google products such as Google Sheets, Google Docs, and Google Forms. Whether you are a beginner or an experienced developer, this comprehensive guide will take you through various Google Apps Script projects, providing step-by-step instructions and valuable insights.

to Google Apps Script

Before we dive into the projects, let's start with a brief to Google Apps Script. Created by Google, Apps Script is based on JavaScript and provides a straightforward way to automate tasks and create custom functionalities within Google's suite of applications.

With Apps Script, you can automate repetitive tasks, create custom menus, build workflows, integrate with external APIs, create add-ons, and much more. By leveraging the power of JavaScript, you can unlock the full potential of Google products to suit your specific needs.



Google Apps Script Projects - Book 1 (Step-by-step guides to Google Apps Script)

by Barrie Roberts (Kindle Edition)

★★★★★ 5 out of 5

Language : English

File size : 12029 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Enhanced typesetting : Enabled

Print length : 208 pages
Lending : Enabled



2. Getting Started with Google Apps Script

In this section, we will guide you through the process of setting up and getting started with Google Apps Script. You will learn how to create a new script project, navigate the Apps Script editor interface, and execute your first script. We will also introduce you to the basic building blocks of Apps Script, including functions, variables, and control statements.

3. Automating Google Sheets with Apps Script

Google Sheets is a powerful tool for organizing and analyzing data, and Apps Script can help you automate various tasks within Sheets. In this project, we will guide you through the process of creating a custom function in Google Sheets using Apps Script. You will learn how to write a script to perform calculations, manipulate data, and generate reports automatically.

4. Building Custom Add-ons for Google Docs

Google Docs is an essential tool for collaborative document editing, and with Apps Script, you can extend its functionality by building custom add-ons. In this project, we will show you how to create a custom add-on for Google Docs. You will learn how to add a custom menu, create custom functions, and interact with the document content programmatically. This project will empower you to enhance your productivity and streamline your document editing process.

5. Creating Interactive Forms with Apps Script

Google Forms is a useful tool for collecting information, and Apps Script can turn your forms into interactive and dynamic experiences. In this project, we will guide you through creating a Google Form with Apps Script. You will learn how to add custom validations, automate form responses, and customize the form layout. By the end of this project, you will have a form tailored to your specific requirements.

6. Integrating External APIs with Apps Script

Apps Script provides a straightforward way to integrate external APIs within Google products. In this project, we will introduce you to the concepts of APIs and guide you through the process of integrating an external API with Apps Script. You will learn how to make HTTP requests, parse JSON responses, handle authentication, and display data within Google Sheets or Google Docs. This project will enable you to leverage the power of external services and bring data from external sources into your Google products.

7. Building a Custom Workflow with Apps Script

Apps Script allows you to automate complex workflows by combining various Google products and external services. In this project, we will guide you through building a custom workflow using Apps Script. You will learn how to trigger scripts based on specific events, interact with different Google products, and integrate external services to create a seamless and efficient workflow. By following this project, you will gain the skills to automate your daily tasks and streamline your work processes.

8. Advanced Apps Script Techniques and Best Practices

Finally, in this section, we will cover advanced Apps Script techniques and best practices. You will learn how to optimize your scripts for performance, handle errors, deploy scripts as web applications, and collaborate with other developers using version control. By adopting these techniques and best practices, you will

become a proficient Apps Script developer and be able to create robust and efficient applications.

Google Apps Script is a versatile and powerful platform that allows users to extend the functionality of various Google products. By following the step-by-step guides provided in this article, you will gain the skills and knowledge to automate tasks, create custom functionalities, and build powerful applications within Google's suite of products. Whether you are a beginner or an experienced developer, Google Apps Script has something to offer. So, get started on your journey to becoming a Google Apps Script expert today!



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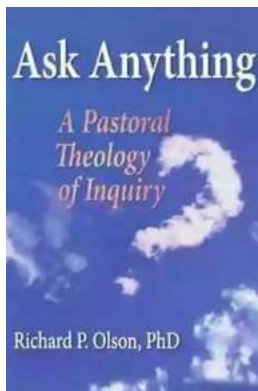


So, you know a bit of Google Apps Script, but you need more practice to hone your skills. This book gives you the chance to practise your Google Apps Script skills, whilst guiding you along the way. I take you step-by-step through the projects and the code.

There are 8 projects using Google Sheets as the base for the code and connecting to Google Drive, Forms, Docs, Slides, and other Drive files.

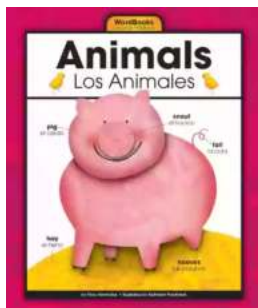
Contents:

- 1-Book inventory
- 2-Make sheets and documents per student
- 3-Placement test and email
- 4-Folder content copier
- 5-Set up new employee
- 6-Issues log with translation
- 7-Multiple files and folders maker
- 8-Certificate maker and sender



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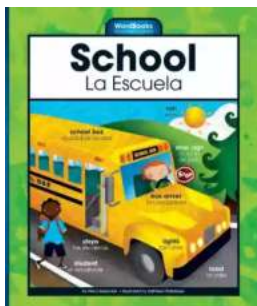
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