

LIBRARIES, TOOLS & WORKFLOW CRN-15081-202401

Exercise #6: Markdown-to-PDF and automatic release via GitHub Actions

Instructions

Prereqs for ChatGPT

Based on the following WML: [WML](#) - create a new GitHub Action job that:

- 1) Create a new release with a randomly generated tag name
- 2) Download the artifact called "book" from the previous job
- 3) Use the markdown-to-pdf repository
- 4) Upload the artifact to the release

Contents of the repository:

Confirmed: [WML](#)

<https://github.com/chrishughes1003/learn303/blob/main/github/workflows/recent.yml>

Challenge

Using the provided GitHub repo as a starting point, 1) experiment with Markdown syntax and automatic PDF report and 2) installation of automatic release pipeline via GitHub Actions.

Sample submission

<https://github.com/chrishughes1003/learn303>

Tutorial recordings

<https://youtu.be/7vH5CQdR50Q>

Details

"We will be able to automatically generate the PDF document based on the up-to-date Markdown files. Do you think you can address a couple of additional items and embed in the automation pipeline?"

Preparation

- Starting point: <https://github.com/chrishughes1003/learn303>
- Markdown
 - Syntax: <https://www.markdownguide.org/basic-syntax/>
 - Table generator: <https://www.tablesgenerator.com/markdown-tables>
- GitHub Actions
 - Introduction to PDF: <https://github.com/chrishughes1003/learn303/blob/main/README.md>
 - Markdown to PDF: <https://github.com/chrishughes1003/learn303/blob/main/README.md>
 - ChatGPT: <https://chat.openai.com/>

Deliverables

- **Required PDF:** All of the GitHub repository
- **Required:** Accompanying discussion (approximately 50 to 100 words) detailing your experience: what was challenging? what did you find "fascinating"? where did you apply these techniques?

Evaluation

25% assigned per code submission

This mentor is designed for open-ended exploration and experimentation, but will be subject to potential periodic baseline submission rating, presence of accompanying discussion, and quality of submission entry.

Due date:

November 18, 2024 at 11:59PM

Final penalty of 20% maximum to 10% of the final grade for late submission

Submissions

Submission: Nov 18, 2024 11:36 AM

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(1) What was challenging?

- Just confused about how errors when following the steps advised, second hand on was pretty bad

(2) What did you find fascinating?

- Using web automation without typing a single line of VBA

(3) Where else would you apply these techniques?

- Automating the documentation for the new release in variety of formats for download including PDF

Thanks

Test Submission

Answer:

Submit

Feedback

Great work!

Last Feedback: November 18, 2024 4:41 PM EST

Activity Desk

✓ VML done: You have completed the assignment

Assessment: 3/3 100%

Due: November 18 at 11:59 PM

Last Viewed: Nov 12, 2024 2:04 PM

<https://learn.georgebrown.ca/d2l/le/content/279143/viewContent/9375284/View>

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