Contents

README.md - Wiki to GitHub Pages Sync

GitHub Pages PDF Sync for BugSweeper Workshops Wiki

This folder contains scripts to automatically sync the BugSweeper Workshops Wiki to GitHub Pages as PDF files.

Scripts Included

1. sync-wiki-to-pages.ps1
   - Checks for updates to the GitHub wiki repository
   - Processes markdown files, replacing image references
   - Converts markdown files to PDF
   - Uploads PDFs to a GitHub Pages repository
   - Updates the index.html page automatically
2. install-scheduled-task.ps1
   - Creates a scheduled task to run the sync script nightly
   - Configures the task to run at 1:00 AM every day
   - Runs with your current user credentials

Prerequisites

1. PowerShell 5.1 or higher
2. Git installed and available in PATH
3. Pandoc installed (for markdown to PDF conversion)
4. XeLaTeX installed (for PDF engine used by Pandoc)
5. GitHub repository for Pages - You need to create a repository named "bugsweeper-docs" in the igt-all organization and enable GitHub Pages for it

Setup Instructions

1. Create the GitHub Pages repository:
   - Create a new GitHub repository named "bugsweeper-docs" in the igt-all organization
   - Enable GitHub Pages in the repository settings (Settings > Pages)
   - Choose "main" as the branch to deploy from
2. Install the scheduled task:
   - Run PowerShell as Administrator
   - Navigate to this folder: `cd C:\BugSweeper-Workshops.wiki`
   - Run: `.\install-scheduled-task.ps1`
3. Manual execution:
   - To run the sync process manually: `.\sync-wiki-to-pages.ps1`
   - Check logs at: `C:\BugSweeper-Workshops.wiki\sync-wiki-log.txt`

GitHub Authentication

The first time the script runs, it may prompt for GitHub authentication if you don't have SSH keys or credentials configured. Make sure you have GitHub authentication configured on the machine that will run this script.

Public Access

Once set up, the PDFs will be publicly accessible at: https://milica-banjac-igt.github.io/bugsweeper-docs/

Troubleshooting

- If the script fails to push to GitHub:
  - Ensure your account has write access to the bugsweeper-docs repository
  - Check if you have GitHub authentication properly configured
  - Try running the script manually once to complete authentication if needed
  - Check the log file for specific error messages
- If PDFs aren't being generated:
  - Verify Pandoc and XeLaTeX are properly installed
  - Check log files for conversion errors