

5118008 English for Software Developer

# Writing GitHub README Page

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*How to write a Good README – A Step by Step Guideline,* <https://www.freecodecamp.org/news/how-to-write-a-good-readme-file/>

# What is a README File?

- README.md at the project home directory
  - written in Markdown and rendered as a styled text
- Give guideline and detailed descriptions of the project
  - to both end-users and developers
  - works as user manual and front-matter of the project
- References
  - Awesome README: <https://github.com/matiassingers/awesome-readme>
  - Awesome README examples: <https://dev.to/documatic/awesome-readme-examples-for-writing-better-readmes-3eh3>

# Markdown



- Markdown is an easy-to-write language for formatting text
  - easy to use together with HTML
  - standard language for GitHub text formatting
- References
  - Basic writing and formatting syntax: <https://docs.github.com/en/get-started/writing-on-github/getting-started-with-writing-and-formatting-on-github/basic-writing-and-formatting-syntax>
  - Quickstart for writing on GitHub: <https://docs.github.com/en/get-started/writing-on-github/getting-started-with-writing-and-formatting-on-github/quickstart-for-writing-on-github>

# README Elements

- Project's title
- Project description
  - Short Summary
  - Badges
- How to install and run the project
  - step-by-step instructions
- How to use the project
  - instructions and examples (with screenshots)
- Credits
  - team, organization and contributors
- License

# Guide Questions

- What was your motivation?
- Why did you build this project?
- What problem does it solve?
- What did you learn?
- What makes your project stand out?
  - If your project has a lot of features, consider adding a "Features" section and listing them here.

# Examples

- <https://github.com/srdja/Collections-C>
- <https://github.com/felselva/uastar>
- <https://github.com/ma-shamshiri/Pacman-Game#readme>
- <https://github.com/NASA/ogma#readme>

# Tips

- The Ultimate Guideline to Writing a Great README.md for your project
  - [https://medium.com/@kc\\_clintone/the-ultimate-guide-to-writing-a-great-readme-md-for-your-project-3d49c2023357](https://medium.com/@kc_clintone/the-ultimate-guide-to-writing-a-great-readme-md-for-your-project-3d49c2023357)
- TTY Recorder
  - <https://github.com/mjording/ttyrec>
  - <https://github.com/icholy/ttygif>
- Adding badges
  - [https://dev.to/envoy\\_150-badges-for-github-pnk](https://dev.to/envoy_150-badges-for-github-pnk)

# Personal Homework 3

- Tasks
  - create your own GitHub repository of WordQuiz
    - you can reuse the source code files of your team
  - revise README.md following the guidelines
- Write two-pages report
  - study GitHub README pages of three open-source projects featured at <https://github.com/oz123/awesome-c>
  - summarize your task
    - declare the URL of your GitHub report
- Submission: by 9 PM, May 31 Fri via LMS