

GSoD 2021 Project Proposal

Wechaty -How to Guides Section

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Abstract

How to Guide is important because it guides us through the steps involved in addressing key problems and use-cases. They are more advanced than tutorials and assume knowledge of how the product works. On an average 45 - 50% of students attend How to guide. It contains instruction to how to use the program, its features and other inbuilt applications as well.

At the time of this writing, the Wechaty now has more than 10000 Stargazers over time and the having no downtime after 12th Nov, 2020 for the API. This shows that a lot of people all over the world use the Wechaty and may want to read its tutorials for guidance on how to use the chatbot maker. However, the Wechaty How to guide page is currently incomplete and miss various languages code with the instruction and its related images and the Wechaty community wants to use this project to improve its tutorials and user documentation to enable end users to have a seamless experience when using the Wechaty.

Current State

Currently, the introduction page is available on its [official website](#). It is obsolete, incomplete and misses information, and does not cover the example images of the bot that one needs to get when landing on the How to Guide section.

Why is your proposed user documentation an improvement over the current one?

The proposed How to Guide page will be structured to improve and ensure efficiency, consistency, and peace of mind for any end user. It will contain all the information about how to use the bot and its associated images, including its details and some little explanations on how to use each feature of the Wechaty, up to date, and notes to follow in order to learn by doing.

Analysis

Huan and I had a conversation about the new changes that are to be made with the current how-to-guide page and he shared one link that introduces a page given on wechaty.js.org and said they expect to improve and enhance the contents with the how-to-guide page. The links he shared with me can be found [here](#).

Overview

The following are the current subsections under How-to-guide section

- Overview
- Install Wechaty
- Create a bot
- Listening events
- Dealing with messages
- Managing Contact
- Managing rooms
- Making Friend
- Processing file
- Writing tests

Structure for the proposed documentation

I have created a structure for Wechaty's How-to-Guide Page which can be found on page 6. This structure needs to be accepted and modified by Mentors before implementation begins.

Project Goals

- Get the user familiarize with the Wechaty
- Make sure that the how to guide page works all the time
- Ensure the user sees results immediately by integrating it with webapp
- Focus on concrete steps, not abstract concepts
- Provide the minimum necessary explanation
- Work with the contributor team to update the documentation on the Wechaty site.

Timeline

The below pages are made similar to each other for easy understanding and interactive experience to the user.

Doc development(Before 10 May)

- Become more familiar with the current HowtoGuide page.
- Continue making contributions to the organisation.
- Learn new technical writing skills and find a language translator medium which will be helpful while implementing the project.
- Discussing the proposed documentation structure with the mentor and other members of the organisation.
- Learn more about the community and product.
- Finalised the proposed feature and other modifications that need to be made with the existing introduction page.

Week 1 (11th May - 15th May)

This week I will focus on setting up the GitHub repository which I will use to push and pull all the changes I have made.

- If a Github repository for the documentation has already been created by the Wechaty community before the beginning of the documentation period, I will fork the repository so that I can be making changes to my branch directly before creating a pull request to the main repository to be reviewed and merged by the mentor. If not, I will create a repository for the documentation on GitHub (of course after taking permission from the mentor).
- Add a README file to GitHub to help future contributors understand how to contribute to the Introduction page.
- Commit the newly made changes to my branch and create a pull request for review.

Week 2(16th May - 22nd May)

Overview Page

- An easy to understand introduction of the Guide on how to use the section ,its various use cases and examples with images to motivate people to use wechaty as their preferred Conversational bot.
- Add a subsection basic introduction to get familiar with the section present.
- Add Related Image to each subsection to make it more interactive and more engaging.
- Include the links to various topics and reorganize the page.

Week 3(23rd May - 29th May)

Install Wechaty

- Update requirement section with reference to their official page on how to install the requirements.
- Add world's shortest code working guide with references to the images.
- Reconstruct npm section with step-by-step installation and related images.
- Reconstruct docker section with step-by-step installation and related images.
- Add info to the test and Powered by section.

Week 4(30th May - 5th June)

Create a bot

- Add a various use sections of the bot to excite people to use the bot.
- Add images to the different section of the languages
- Create a new section for the example to various language
- Verify working of the code to each programming language

Week 5(6th May - 12th June)

Listening Bot

- Add some little introduction to the page
- Add the missing parts (TBW) to different programming language
- Add images to the different section of the languages
- Verify working of the code to each programming language

Week 6(13th June - 19th June)

Dealing with message

- Add some little introduction to the page
- Add the missing parts (TBW) to different programming language
- Add images to the different section of the languages
- Verify working of the code to each programming language

Week 7(20th June - 26th June)

Managing contacts

- Add some little introduction to the page
- Add the missing parts (TBW) to different programming language
- Add images to the different section of the languages
- Verify working of the code to each programming language

Week 8(27th June - 3rd July)

Managing rooms

- Add some little introduction to the page
- Add the missing parts (TBW) to different programming language
- Add images to the different section of the languages
- Verify working of the code to each programming language

Week 9(4th July - 10th July)

Making Friends

- Add some little introduction to the page
- Add the missing parts (TBW) to different programming language
- Add images to the different section of the languages
- Verify working of the code to each programming language

Week 10(11th July - 17th July)

Processing files

- Add some little introduction to the page
- Add the missing parts (TBW) to different programming language
- Add images to the different section of the languages
- Verify working of the code to each programming language

Week 11(18th July - 24th July)

Writing tests

- Add some little introduction to the page
- Add the missing parts (TBW) to different programming language
- Add images to the different section of the languages
- Verify working of the code to each programming language
- Create a Puppet section and include switching between puppets.

Week 12(25th July - 31st July)

- This week I will put all my attention on proofreading the documentation for typos and errors.
- Submit a project report and evaluation of my mentors
- Write and submit a report of my experience as a participant in Season of Docs

Some Previously made PR

- <https://github.com/wechaty/wechaty.js.org/pull/798>
- <https://github.com/wechaty/wechaty.js.org/pull/789>
- <https://github.com/wechaty/wechaty.js.org/pull/784>
- <https://github.com/wechaty/wechaty.js.org/pull/782>
- <https://github.com/wechaty/wechaty.js.org/pull/775>
- <https://github.com/wechaty/wechaty.js.org/pull/761>
- <https://github.com/wechaty/wechaty.js.org/pull/758>

Why this project?

I have always had a conviction that writing code, solving problems and building software reaches its full potential when you also have the ability to enlighten others about it through writing. Personally, I have always been fascinated by the efforts undertaken by the Wechaty community in creating free Chatbots . Growing up as a child, I was always amazed to see how chatbots were able to respond quickly. I also made a Telegram bot that handles the latest news to the user and an Instagram bot that likes photos by some particular tag. It will be an honour to work with the community that contributed in making today's world more awesome.

Why am I the right person for this project?

I believe myself to be the right person for this project because

- I believe that If you want someone to do something in the most efficient way possible, you document it. By documenting your processes, you ensure efficiency, consistency, and peace of mind for anyone involved.
- I have past experience in writing tutorials and I can use any version control system, so carrying out commands on GitHub will not be a problem. Moreover, what drives me is working on projects that create value to people.
- I know the needs of Wechaty because I am one of them. This will enable me to write the tutorials in such a way that every other user across the globe understands at first glance. and make their first chatbots with Wechaty.

Personal Information

- **Name:** Abhishek Jaiswal
- **Github:** <https://github.com/abhishek-iiit>
- **Blog:** <https://abhishek-iiit.hashnode.dev/> & <https://abhishek-iiit.medium.com/>
- **Gitter handle:** Abhishek Jaiswal
- **Resume:** [click here](#)
- **Location:** Uttar Pradesh, India
- **Time Zone:** (UTC + 05:30) India
- **Typical working hours:** 4PM - 10 PM (UTC + 05:30) India

The New Structure For The Wechaty How-to-guide

Overview

- ❖ Basic Introduction **The existing file can be found [here](#).**
- ❖ Add Use Case/Example of the field in which we can use the bot
- ❖ Short Introduction to each subsection
- ❖ Link Images to each subsection

Install Wechaty

- ❖ Basic Introduction **The existing file can be found [here](#).**
- ❖ Requirements
- ❖ Shortest code example
- ❖ NPM & Docker with step-by-step installation
- ❖ Test and Powered by section

Create a Bot

- ❖ Basic Introduction **The existing file can be found [here](#).**
- ❖ Use of the bot to excite people to use the bot.
- ❖ Link Images to the different subsection
- ❖ Working Example to various language

Listening Events

- ❖ Basic Introduction **The existing file can be found [here](#).**
- ❖ 1-2 lines introduction to each subsection for some detail
- ❖ Different programming language code examples
- ❖ Link Related Images to each subsection

Dealing with the message

- ❖ Basic Introduction **The existing file can be found [here](#).**
- ❖ 1-2 lines introduction to each subsection for some detail
- ❖ Different programming language code examples
- ❖ Link Related Images to each subsection

Managing contacts

- ❖ Basic Introduction **The existing file can be found [here](#).**
- ❖ 1-2 lines introduction to each subsection for some detail
- ❖ Different programming language code examples
- ❖ Link Related Images to each subsection

Managing rooms

- ❖ Basic Introduction **The existing file can be found [here](#).**

- ❖ 1-2 lines introduction to each subsection for some detail
- ❖ Different programming language code examples
- ❖ Link Related Images to each subsection

Make friends

- ❖ Basic Introduction **The existing file can be found [here](#).**
- ❖ 1-2 lines introduction to each subsection for some detail
- ❖ Different programming language code examples
- ❖ Link Related Images to each subsection

Processing files

- ❖ Basic Introduction **The existing file can be found [here](#).**
- ❖ 1-2 lines introduction to each subsection for some detail
- ❖ Different programming language code examples
- ❖ Link Related Images to each subsection

Switching between puppets

- ❖ Basic Introduction **The existing file can be found [here](#).**
- ❖ 1-2 lines introduction
- ❖ Link Related Images to each subsection

Writing tests

- ❖ Basic Introduction **The existing file can be found [here](#).**
 - ❖ 1-2 lines introduction to each subsection for some detail
 - ❖ Different programming language code examples
 - ❖ Link Related Images to each subsection
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