

Classification of documentation files in OSS projects

Start of Block: Introduction

About **Classification of documentation files in OSS projects**

This survey aims to evaluate the quality of a classification model in identifying categories of information in documentation files of open source projects. It is part of a study conducted by software engineering researchers from the Federal Technical University of Paraná and University of São Paulo. Eighteen paragraphs extracted from OSS documentation files divided in six categories of information will be presented to you in this survey.

Your task will be to assess how adequate the paragraphs are to one of the seven categories of information. The estimated time to complete the survey is 15-25 minutes.

Interested in participating?

Before proceeding to the next stage, please make sure you agree with our terms and conditions: :

1. I understand that all information is confidential, and that I will not be personally identified while taking this survey. I agree to complete the survey for research purposes and that the data derived from this anonymous survey may be published in journals, conferences and blog posts
2. I understand that my participation in this research survey is totally voluntary, and that declining to participate will involve no penalty or loss of benefits. If I choose, I may withdraw my participation at any time. I also understand that if I choose to participate, that I may decline to answer any question that I am not comfortable answering.
3. I understand that I can contact the researcher if I have any questions about the research survey. I am aware that my consent will not directly benefit me. I am also aware that the author will maintain the data collected in perpetuity and may utilize data for future academic work.
4. By clicking the button below I freely provide consent and acknowledge my rights as a voluntary research participant as outlined above and provide consent to the researcher to use my information in conducting research on the areas noted above.

If you have any questions, feel free to contact us:
Felipe Fronchetti - fronchetti@usp.br
Igor Steinmacher - igorfs@utfpr.edu.br

End of Block: Introduction

Start of Block: Categories Description

Categories Guidelines

In this survey, we aim to evaluate how adequate a set of categories of information are to describe paragraphs of documentation files in OSS projects. These categories of information were extracted from past studies and are known to be relevant for new contributors during the contributing process of open source projects. **Your job is to assess whether the categories listed below adequately describe the general context of the paragraphs or not.**

Read carefully the description of each category below. Once you are done reading the categories, move to the next section to start evaluating the paragraphs.

- **Contribution flow:** Defines the set of steps that a newcomer needs to follow in order to make a contribution to the project. For example, this category should appear as an ordered list of steps to follow or as a set of paragraphs describing the current workflow of the project.
- **Choose a task:** References a set of information that describes how new contributors can find a task to contribute with the project. It may also contain descriptions of different types of tasks designed for newcomers and guidelines on how to perform a new contribution.
- **Talk to the community:** Relates information on how a newcomer can get in touch with the OSS community members. This category is related to, for example, links for communication channels, communication etiquettes, codes of conduct, community guidelines and tutorials on how to start a conversation.
- **Build local workspace:** Determines the steps that a newcomer needs to follow in order to build the pre-requirements of the local workspace. It may include setup instructions such as bash commands and modifications on computer settings.

- **Deal with the code:** Includes information describing how newcomers should deal with the source code. This category may contain, in particular, code conventions, descriptions of the source code and guidelines on how to write code for the project.

- **Submit the changes:** Represents information about how newcomers should submit a contribution back to the project. Besides the information about the submission process, it may also include information about platforms and tools used during the submission and software testing tutorials.

End of Block: Categories Description

Start of Block: Training

Training Description **Validation Section**

To confirm that you understand our categories, please answer the following questions:

Training - CF Select the option that correctly describes the definition of the category

Contribution Flow:

- ☐ Defines the set of steps that a newcomer needs to follow in order to make a contribution to the project. For example, this category should appear as an ordered list of steps to follow or as a set of paragraphs describing the current workflow of the project. (1)
 - ☐ Determines the steps that a newcomer needs to follow in order to build the pre-requirements of the local workspace. It may include setup instructions such as bash commands and modifications on computer settings. (2)
 - ☐ Represents information about how newcomers should submit a contribution back to the project. Besides the information about the submission process, it may also include information about platforms and tools used during the submission and software testing tutorials. (3)
-

Training - CT Select the option that correctly describes the definition of the category **Choose a Task**:

- ☐ Defines the set of steps that a newcomer needs to follow in order to make a contribution to the project. For example, this category should appear as an ordered list of steps to follow or as a set of paragraphs describing the current workflow of the project. (1)
 - ☐ References a set of information that describes how new contributors can find a task to contribute with the project. It may also contain descriptions of different types of tasks designed for newcomers and guidelines on how to perform a new contribution. (2)
 - ☐ Includes information describing how newcomers should deal with the source code. This category may contain, in particular, code conventions, descriptions of the source code and guidelines on how to write code for the project. (3)
-

Training - TC Select the option that correctly describes the definition of the category **Talk to the community**:

- ☐ Includes information describing how newcomers should deal with the source code. This category may contain, in particular, code conventions, descriptions of the source code and guidelines on how to write code for the project. (1)
 - ☐ Relates information on how a newcomer can get in touch with the OSS community members. This category is related to, for example, links for communication channels, communication etiquettes, codes of conduct, community guidelines and tutorials on how to start a conversation. (2)
 - ☐ References a set of information that describes how new contributors can find a task to contribute with the project. It may also contain descriptions of different types of tasks designed for newcomers and guidelines on how to perform a new contribution. (3)
-

Training - BW Select the option that correctly describes the definition of the category **Build local workspace**:

- ☐ References a set of information that describes how new contributors can find a task to contribute with the project. It may also contain descriptions of different types of tasks designed for newcomers and guidelines on how to perform a new contribution. (1)
- ☐ Relates information on how a newcomer can get in touch with the OSS community members. This category is related to, for example, links for communication channels,

communication etiquettes, codes of conduct, community guidelines and tutorials on how to start a conversation. (2)

☐ Determines the steps that a newcomer needs to follow in order to build the pre-requirements of the local workspace. It may include setup instructions such as bash commands and modifications on computer settings. (3)

Training - DC Select the option that correctly describes the definition of the category **Deal with the code**:

☐ References a set of information that describes how new contributors can find a task to contribute with the project. It may also contain descriptions of different types of tasks designed for newcomers and guidelines on how to perform a new contribution. (1)

☐ Includes information describing how newcomers should deal with the source code. This category may contain, in particular, code conventions, descriptions of the source code and guidelines on how to write code for the project. (2)

☐ References a set of information that describes how new contributors can find a task to contribute with the project. It may also contain descriptions of different types of tasks designed for newcomers and guidelines on how to perform a new contribution. (3)

Q103 Select the option that correctly describes the definition of the category **Submit the changes**:

☐ Includes information describing how newcomers should deal with the source code. This category may contain, in particular, code conventions, descriptions of the source code and guidelines on how to write code for the project. (1)

☐ Represents information about how newcomers should submit a contribution back to the project. Besides the information about the submission process, it may also include information about platforms and tools used during the submission and software testing tutorials. (2)

☐ References a set of information that describes how new contributors can find a task to contribute with the project. It may also contain descriptions of different types of tasks designed for newcomers and guidelines on how to perform a new contribution. (3)

End of Block: Training

Start of Block: Contribution flow

CF - Description **Contribution flow:** Defines the set of steps that a newcomer needs to follow in order to make a contribution to the project. This category should appear as, for example, an ordered list of steps to follow or as a set of paragraphs describing the current workflow of the project.

Page Break

CF - Question 1 Use the following scale to determine how adequate the category "Contribution flow" relates to the paragraph below:

"Please ask first before embarking on any significant pull request (e.g. implementing features, refactoring code, porting to a different language), otherwise you risk spending a lot of time working on something that the project's developers might not want to merge into the project."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (6)
 - ☐ Extremely adequate (7)
-

CF - Question 2 Use the following scale to determine how adequate the category "Contribution flow" relates to the paragraph below:

"- If you want to contribute design assets or style guide revisions, please open a GitHub pull request or open a GitHub issue against the design-kit project."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (6)
 - ☐ Extremely adequate (7)
-

CF - Question 3 Use the following scale to determine how adequate the category "Contribution flow" relates to the paragraph below:

"In general we use GitHub and Git to support our workflow. If you are unfamiliar with those tools then you should check them out until you feel you have a basic understanding of GitHub and a working understanding of Git. Specifically you should understand how forking, branching, committing, PRing and merging works."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

CF - Question 4 Use the following scale to determine how adequate the category "Contribution flow" relates to the paragraph below:

"When the team finds issues we file them in the repo. When we propose new ideas or think-up new features, we file new feature requests. When we work on fixes or features, we create branches and work on those improvements. And when PRs are reviewed, we review in public - including all the good, the bad, and the ugly parts."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

CF - Question 5 Use the following scale to determine how adequate the category "Contribution flow" relates to the paragraph below:

"You can now push to your own fork and submit the pull request. Keep in mind that it's only a good idea to do this if you haven't already submitted a pull request unless you want to create a new one because your origin remote (your fork) will report a discrepancy. Again, please refer to the chapter in Pro Git on rebasing if you're new to it."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

CF - Question 6 Use the following scale to determine how adequate the category "Contribution flow" relates to the paragraph below:

"Members are encouraged to openly discuss their work, their lives, share views and ask for help using chat. It should be considered a safe space in which there is no such thing as a stupid question. Conversely no one contributor should ever be expected to have read something said in a chat. If someone should know something then it should be written down as an issue and/or documented in an obvious place for others to find."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

CF - Question 7 Use the following scale to determine how adequate the category "Contribution flow" relates to the paragraph below:

"If you did not write the code, you do not have ownership of the code and you shouldn't submit it to MonoGame."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

CF - Question 8 Use the following scale to determine how adequate the category "Contribution flow" relates to the paragraph below:

"The Grommet community values contributions on the design side of the project. The Grommet style guide and designer assets are open for contributions just as the development platform is. You may either submit an issue on GitHub with a detailed recommendation, or open a pull request with the updated assets. Please open a GitHub pull request or open a GitHub issue against the grommet-design project."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

CF - Question 9 Use the following scale to determine how adequate the category "Contribution flow" relates to the paragraph below:

"Before you start to code, we recommend discussing your plans through a GitHub issue, especially for more ambitious contributions. This gives other contributors a chance to point you in the right direction, give you feedback on your design, and help you find out if someone else is working on the same thing."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

CF - Question 10 Use the following scale to determine how adequate the category "Contribution flow" relates to the paragraph below:

"Working on your first Pull Request? You can learn how from this free series How to Contribute to an Open Source Project on GitHub."

- ☐ Extremely inadequate (1)
- ☐ Somewhat inadequate (2)
- ☐ Somewhat adequate (3)
- ☐ Extremely adequate (4)

End of Block: Contribution flow

Start of Block: Choose a task

CT - Description **Choose a task:** Specifies the set of information that describes how new contributors can find a task to contribute with the project. It may also contain descriptions of different types of tasks designed for newcomers and guidelines on how to perform a new contribution.

Page Break

CT - Question 1 Use the following scale to determine how adequate the category "Choose a task" relates to the paragraph below:

"- Search through the issues looking for something that looks interesting to you to pick up. Some issues are marked "help wanted", these are typically issues which should be relatively easy to pick up."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

CT - Question 2 Use the following scale to determine how adequate the category "Choose a task" relates to the paragraph below:

"- good first issue: If this is your first time contributing to UserFrosting, look for the good first issue tag. It's associated with easier issues anyone can tackle."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

CT - Question 3 Use the following scale to determine how adequate the category "Choose a task" relates to the paragraph below:

"- Please first discuss the change you wish to make via issue, email, or any other method with the owners of this repository before making a change. It might avoid a waste of your time."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

CT - Question 4 Use the following scale to determine how adequate the category "Choose a task" relates to the paragraph below:

"If you are looking for ways to help, you should start by looking at the Help Wanted tasks. Please let us know if you plan to work on an issue so that others are not duplicating work."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

CT - Question 5 Use the following scale to determine how adequate the category "Choose a task" relates to the paragraph below:

"Once the team have approved an issue/spec, development can proceed. If no developers are immediately available, the spec can be parked ready for a developer to get started. Parked specs' issues will be labeled "Help Wanted". To find a list of development opportunities waiting for developer involvement, visit the Issues and filter on the Help-Wanted label."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

CT - Question 6 Use the following scale to determine how adequate the category "Choose a task" relates to the paragraph below:

"There are many ways to contribute to plotly.py. It helps to understand first the structure of the code and of the repository."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

CT - Question 7 Use the following scale to determine how adequate the category "Choose a task" relates to the paragraph below:

"- Double-check that the bug is persistent. The site is still in it's infancy and sometimes artifacts may appear and disappear."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

CT - Question 8 Use the following scale to determine how adequate the category "Choose a task" relates to the paragraph below:

"If you want to contribute but do not have a specific topic in mind, review the list of open bug reports and other issues that are in need of attention."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

CT - Question 9 Use the following scale to determine how adequate the category "Choose a task" relates to the paragraph below:

"- up-for-grabs: Theses issues have not yet been assigned to anybody. Look for theses when you want to start working on a new issue."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

CT - Question 10 Use the following scale to determine how adequate the category "Choose a task" relates to the paragraph below:

"The wiki has details on how to compile Remmina and FreeRDP. Look for issues labeled "help wanted". There are also paid bounties available. Know how to fix a bug or implement anything requested or completely new, but lack the time? Get in touch, We can pay for some hours of your time. Don't be shy."

- ☐ Extremely inadequate (1)
- ☐ Somewhat inadequate (2)
- ☐ Somewhat adequate (3)
- ☐ Extremely adequate (4)

End of Block: Choose a task

Start of Block: Talk to the community

TC - Description **Talk to the community:** Relates information on how a newcomer can get in touch with the OSS community members. This category is related to, for example, links for communication channels, communication etiquettes, codes of conduct, community guidelines and tutorials on how to start a conversation.

Page Break

TC - Question 1 Use the following scale to determine how adequate the category "Talk to the community" relates to the paragraph below:

"This project adheres to the Contributor Covenant code of conduct. By participating, you are expected to uphold this code. Please file issue to report unacceptable behavior."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

TC - Question 2 Use the following scale to determine how adequate the category "Talk to the community" relates to the paragraph below:

"If you need help or feedback, or want to get more involved in the jQuery Mobile project, don't hesitate to reach out to us. You can find us on IRC in #jqueryui-dev (Freenode)."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

TC - Question 3 Use the following scale to determine how adequate the category "Talk to the community" relates to the paragraph below:

"We love contributions from everyone. By participating in this project, you agree to abide by the thoughtbot Code Of Conduct."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

TC - Question 4 Use the following scale to determine how adequate the category "Talk to the community" relates to the paragraph below:

"We welcome your technical expertise! But first, please join us in chat to discuss your proposed changes/fixes/enhancements before you get started. At least one member of our development team will usually be around."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

TC - Question 5 Use the following scale to determine how adequate the category "Talk to the community" relates to the paragraph below:

"Project maintainers have the right and responsibility to remove, edit, or reject comments, commits, code, wiki edits, issues, and other contributions that are not aligned to this Code of Conduct, or to ban temporarily or permanently any contributor for other behaviors that they deem inappropriate, threatening, offensive, or harmful."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

TC - Question 6 Use the following scale to determine how adequate the category "Talk to the community" relates to the paragraph below:

"- Ask any questions about how to use Reform in the Trailblazer Gitter Room. Github issues are restricted to bug reports and fixes."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

TC - Question 7 Use the following scale to determine how adequate the category "Talk to the community" relates to the paragraph below:

"Facebook has adopted a Code of Conduct that we expect project participants to adhere to. Please read the full text so that you can understand what actions will and will not be tolerated."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

TC - Question 8 Use the following scale to determine how adequate the category "Talk to the community" relates to the paragraph below:

"We have an account on Twitter at @librariesio. This is predominately used to retweet news, events and musings by contributors rather than as a direct method of communication. Contributors are encouraged to use @librariesio in a tweet when talking about the project, so that we may retweet if appropriate. The account is moderated and protected by the core team."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

TC - Question 9 Use the following scale to determine how adequate the category "Talk to the community" relates to the paragraph below:

"If you have questions about how to use Karma, please direct these to the Gitter discussion list or Stack Overflow."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

TC - Question 10 Use the following scale to determine how adequate the category "Talk to the community" relates to the paragraph below:

"This project is a part of the Electron ecosystem. As such, all contributions to this project follow Electron's code of conduct where appropriate."

- ☐ Extremely inadequate (1)
- ☐ Somewhat inadequate (2)
- ☐ Somewhat adequate (3)
- ☐ Extremely adequate (4)

End of Block: Talk to the community

Start of Block: Build local workspace

BW - Description **Build local workspace:** Determines the steps that a newcomer needs to follow in order to build the pre-requirements of the local workspace. It may include setup instructions such as bash commands and modifications on computer settings.

Page Break

BW - Question 1 Use the following scale to determine how adequate the category "Build local workspace" relates to the paragraph below:

"iperf3 is officially supported on Linux (various distributions), FreeBSD, and macOS. Support may be provided on a best-effort basis to other UNIX-like platforms. We cannot provide support for building and/or running iperf3 on Windows, iOS, or Android."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

BW - Question 2 Use the following scale to determine how adequate the category "Build local workspace" relates to the paragraph below:

"- Install the NodeJS Environment and run npm install, which will add a git hook to format the changed code, and it will run before you run git commit."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

BW - Question 3 Use the following scale to determine how adequate the category "Build local workspace" relates to the paragraph below:

"You can then run yarn start in the root folder to start watching and automatically re-building packages when there are new changes."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

BW - Question 4 Use the following scale to determine how adequate the category "Build local workspace" relates to the paragraph below:

"If you get strange compilation errors, try to remove all node_modules in the project (especially under packages/)."*

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

BW - Question 5 Use the following scale to determine how adequate the category "Build local workspace" relates to the paragraph below:

"If you wish to make contributions to Libraries.io then you'll need a local version of the site to test. You can find instructions to install the correct Ruby version, Postgres, and to set up the database in our README."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

BW - Question 6 Use the following scale to determine how adequate the category "Build local workspace" relates to the paragraph below:

"There are a few common stumbling blocks that new users face when setting up UserFrosting for the first time. If you are new to the current version of UserFrosting, please first look at the basic requirements and installation instructions."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

BW - Question 7 Use the following scale to determine how adequate the category "Build local workspace" relates to the paragraph below:

"Below are the details about how to set up the JDT Language Server in different IDEs. Notice: You only need set up it once in any of your preferred IDE."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

BW - Question 8 Use the following scale to determine how adequate the category "Build local workspace" relates to the paragraph below:

"Development on the latest version of Python is preferred. As of this writing it's 3.8. You can use any operating system. I am using macOS myself and CentOS at work."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

BW - Question 9 Use the following scale to determine how adequate the category "Build local workspace" relates to the paragraph below:

"This will ensure that the installed packages links to your local development directory, meaning

that all changes you make reflect directly in your environment (don't forget to restart the Jupyter kernel though!). For more information see the `setuptools` and `pip` documentation on development mode."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

BW - Question 10 Use the following scale to determine how adequate the category "Build local workspace" relates to the paragraph below:

"If you haven't used `pipenv` before but are comfortable with `virtualenvs`, just run `pip install pipenv` in the `virtualenv` you're already using and invoke the command above from the cloned Black repo. It will do the correct thing."

- ☐ Extremely inadequate (1)
- ☐ Somewhat inadequate (2)
- ☐ Somewhat adequate (3)
- ☐ Extremely adequate (4)

End of Block: Build local workspace

Start of Block: Deal with the code

DC - Description **Deal with the code:** Includes information describing how newcomers should deal with the source code. This category may contain, in particular, code conventions, descriptions of the source code and guidelines on how to write code for the project.

Page Break

DC - Question 1 Use the following scale to determine how adequate the category "Deal with the code" relates to the paragraph below:

"Installation gives an overview of the docs, and demonstrates two different ways to use it: either as a simple tag on the page, or as part of a complex JavaScript toolchain."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

Attention Check This is just an attention check question. Please, click on the "Somewhat inadequate" button and proceed to the next question.

"Click on the somewhat inadequate button, please!"

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

DC - Question 2 Use the following scale to determine how adequate the category "Deal with the code" relates to the paragraph below:

"- the codegen (package in packages/python/plotly/codegen): all the code inside plotly.graph_objects is generated from the plotly javascript API (the "schema"). The codegen package is where the code generation is done. Most of the codegen code concerns the generation of docstrings. Traces and Layout classes have a direct correspondence with their Javascript counterpart. Additional methods are defined for the Figure object, such as update_layout, add_trace, etc."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

DC - Question 3 Use the following scale to determine how adequate the category "Deal with the code" relates to the paragraph below:

"- Make sure that your code respects the style conventions of the project. Look at the code around you: do you see spaces before parenthesis? Are brackets on their own line? Copy that! The most important thing is to be consistent."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

DC - Question 4 Use the following scale to determine how adequate the category "Deal with the code" relates to the paragraph below:

"No need to use namespace when your variable is declared locally (set --local) or your

file/test file is related to tooling (installer.fish, testing package managers install)."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

DC - Question 5 Use the following scale to determine how adequate the category "Deal with the code" relates to the paragraph below:

"The Marionette coding conventions are provided in the ESLint configuration included in the repository. Most IDEs and text editors will provide, or allow for, a plugin for ESLint to read the .eslintrc file. For areas where the configuration provides no guidance, try to stick to the conventions in the file you're editing."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

DC - Question 6 Use the following scale to determine how adequate the category "Deal with the code" relates to the paragraph below:

"- One of the philosophies of the project is to keep the code base as small as possible. If you are adding a new feature, think about whether it is appropriate to go into a separate Node module, and then be integrated into this project."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

DC - Question 7 Use the following scale to determine how adequate the category "Deal with the code" relates to the paragraph below:

"This project uses Prettier for standard formatting. To ensure your pull request matches the style guides, run npm run prettier."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

DC - Question 8 Use the following scale to determine how adequate the category "Deal with the code" relates to the paragraph below:

"Publicly available interfaces, classes and methods have a defined lifecycle which is described in detail in the User Guide. This process is using the @API annotation from API Guardian. It also describes the deprecation process followed for API items."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

DC - Question 9 Use the following scale to determine how adequate the category "Deal with the code" relates to the paragraph below:

"- Name identifiers (variables, classes, functions, module names) with readable names (x is always wrong);"

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

DC - Question 10 Use the following scale to determine how adequate the category "Deal with the code" relates to the paragraph below:

"When submitting code, please make every effort to follow existing conventions and style in order to keep the code as readable as possible."

- ☐ Extremely inadequate (1)
- ☐ Somewhat inadequate (2)
- ☐ Somewhat adequate (3)
- ☐ Extremely adequate (4)

End of Block: Deal with the code

Start of Block: Submit the changes

SC - Description **Submit the changes:** Represents information about how newcomers should submit a contribution back to the project. Besides the information about the submission process, it may also include information about platforms and tools used during the submission and software testing tutorials.

Page Break

SC - Question 1 Use the following scale to determine how adequate the category "Submit the changes" relates to the paragraph below:

"- Send coherent history - Make sure each individual commit in your pull request is meaningful. If you had to make multiple intermediate commits while developing, please squash them before submitting."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

SC - Question 2 Use the following scale to determine how adequate the category "Submit the changes" relates to the paragraph below:

"We use Git as our version control system, so the best way to contribute is to learn how to use it and put your changes on a Git repository. There's a plenty of documentation about Git -- you can start with the Pro Git book."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

SC - Question 3 Use the following scale to determine how adequate the category "Submit the changes" relates to the paragraph below:

"MonoGame has a master branch for stable releases and a develop branch for daily development. New features and fixes are always submitted to the develop branch."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

SC - Question 4 Use the following scale to determine how adequate the category "Submit the changes" relates to the paragraph below:

"- Only commit changes done in the source files under src, not to the generated builds which are located in the folders dist and lib."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

SC - Question 5 Use the following scale to determine how adequate the category "Submit the changes" relates to the paragraph below:

"For a better design of your code, we recommend using a technique called test-driven development, where you write your tests before writing the actual code that implements the desired feature."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

SC - Question 6 Use the following scale to determine how adequate the category "Submit the changes" relates to the paragraph below:

"- If you are fixing a bug or typo, improving tests or for any small tweak: the lowest branch where the changes can be applied. Once your Pull Request is accepted, the changes will get merged up to highest branches."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

SC - Question 7 Use the following scale to determine how adequate the category "Submit the changes" relates to the paragraph below:

"# Body

Just as in the subject, use the imperative, present tense: "change" not "changed" nor "changes"
The body should include the motivation for the change and contrast this with previous behavior."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

SC - Question 8 Use the following scale to determine how adequate the category "Submit the changes" relates to the paragraph below:

"Please ensure that all changes are committed using semantic commit messages. We expose a helper (bolt commit) to make this easier."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

SC - Question 9 Use the following scale to determine how adequate the category "Submit the changes" relates to the paragraph below:

"There is a cookbook with basic instructions on how to build a new fixer. Consider reading it before opening a PR."

- ☐ Extremely inadequate (1)
 - ☐ Somewhat inadequate (2)
 - ☐ Somewhat adequate (3)
 - ☐ Extremely adequate (4)
-

SC - Question 10 Use the following scale to determine how adequate the category "Submit the changes" relates to the paragraph below:

"If you are stuck in a scenario that fails in your app, but you don't know how to fix it, submit a failing spec to show the failing scenario. Follow the guidelines for a pull request submission, but don't worry about fixing the problem. A failing spec to show that a problem exists is a very very helpful pull request for us."

- ☐ Extremely inadequate (1)
- ☐ Somewhat inadequate (2)
- ☐ Somewhat adequate (3)
- ☐ Extremely adequate (4)

End of Block: Submit the changes

Start of Block: Demographics

Dem - Description **Demographic Questions**

Dem - Prog Exp How many years of previous programming experience do you have?

- ☐ No experience (1)
 - ☐ Less than or equal to 3 years (2)
 - ☐ Greater than 3 years and less than 15 years (3)
 - ☐ Greater than or equal to 15 years (4)
-

Dem - OSS Exp If applicable, how many years of experience as a maintainer in OSS projects do you have?

Attention: A maintainer, in the context of OSS, is someone responsible for the project development and community. Usually has writing access to the software repository.

- ☐ No experience (1)
 - ☐ Less than or equal to 3 years (2)
 - ☐ Greater than 3 years and less than 15 years (3)
 - ☐ Greater than or equal to 15 years (4)
-

Display This Question:

*If If applicable, how many years of experience as a maintainer in OSS projects do you have?
Attentio... != No experience*

Dem - OSS Part How do you describe your participation in OSS projects?

- ☐ Coder (1)
 - ☐ Non-Coder (2)
-

Display This Question:

*If applicable, how many years of experience as a maintainer in OSS projects do you have?
Attention... != No experience*

Dem - OSS Doc Have you ever contributed with documentation for OSS projects?

☐ No (1)

☐ Yes (2)

End of Block: Demographics

Start of Block: Additional comments

Q91 Feel free to use the space below to describe any comments about our survey. If you have faced any difficulties during the survey, please also list them below.

End of Block: Additional comments
