

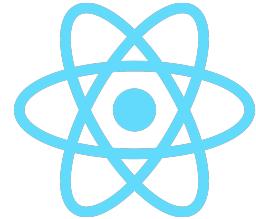
It is your
Time  **To-Do**

Contents

OSS Project Analysis

1

Analyzing 4 OSS Community



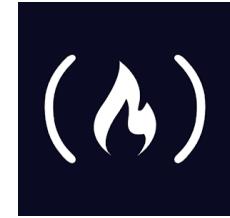
React



Tensorflow



Thymeleaf



Freecodecamp

OSS Insights for Our Project

About Time To-Do 1

2

Main Concept of Time To-Do



- Identity
 - a project name, logo
 - main concept
 - keywords
 - philosophy
- Features

About Time To-Do 2

3

Tech Part of Time To-Do



- GitHub repository
 - Readme
 - Code of Conduct
 - License type
 - Contributing
- Tech Stack
- Directions of develop

Strategic Analysis

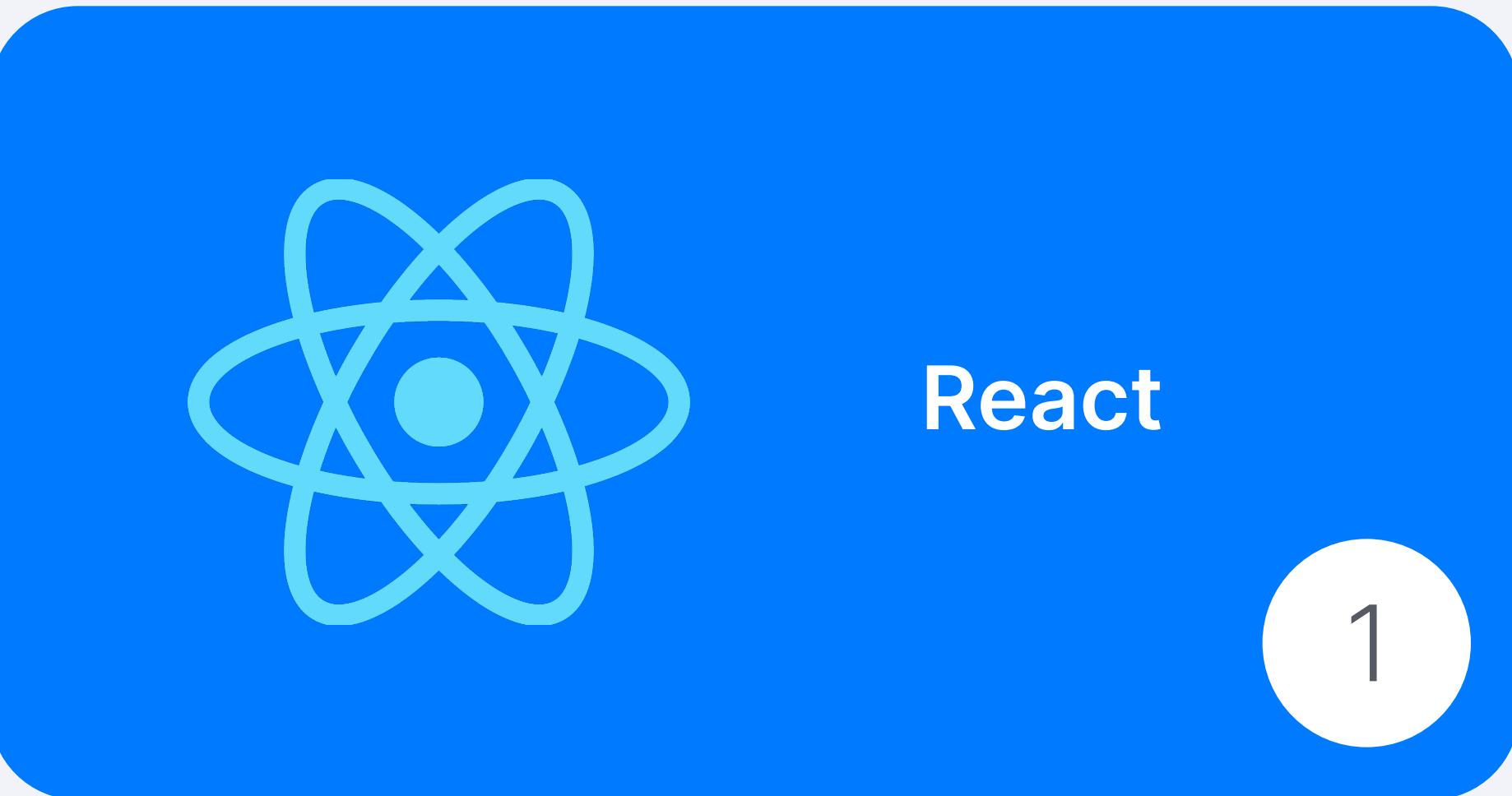
4

Strategic Analysis



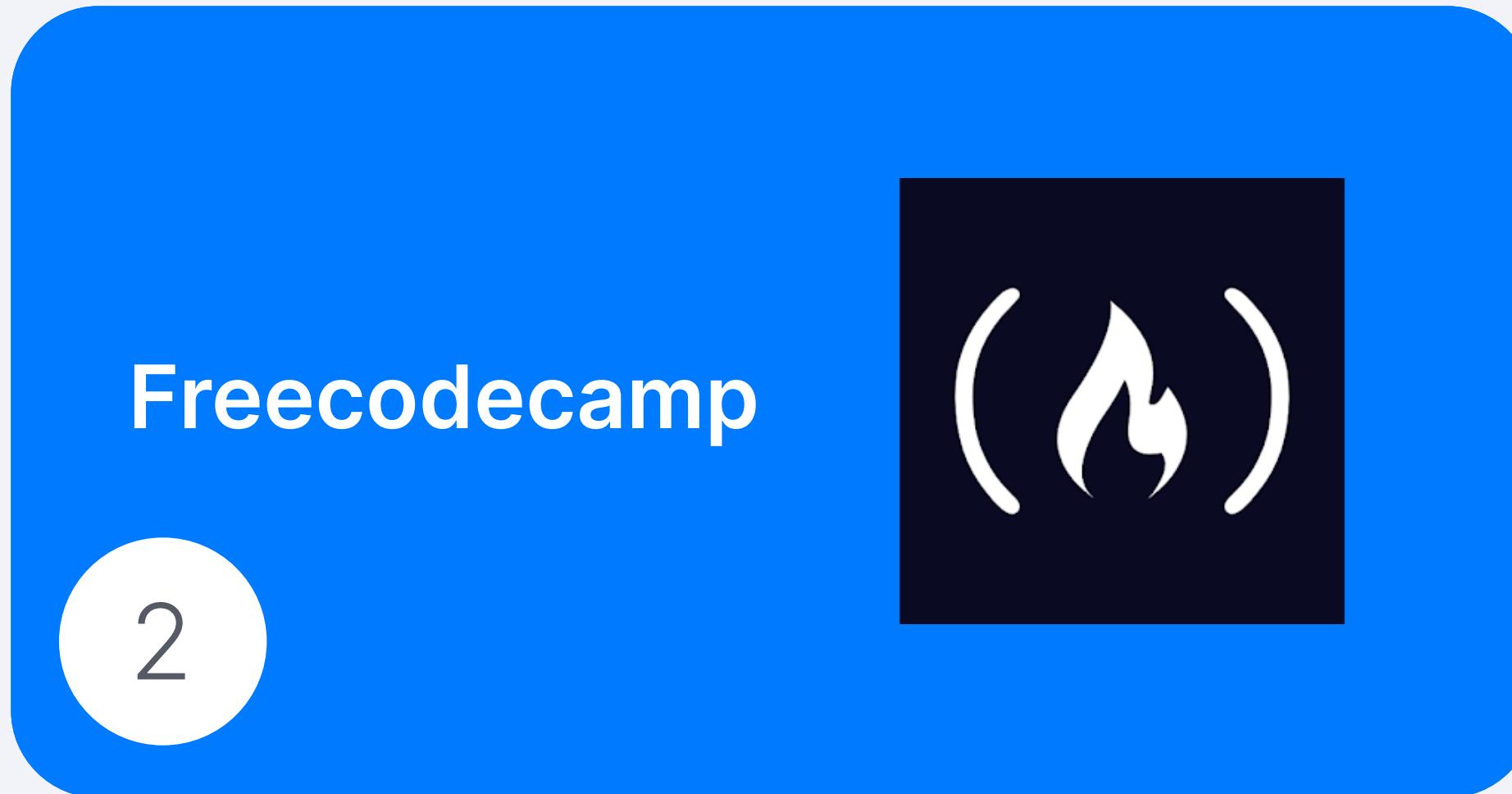
- Similar services and market analysis
- SWOT Analysis

Open Source Software Analysis



React

1



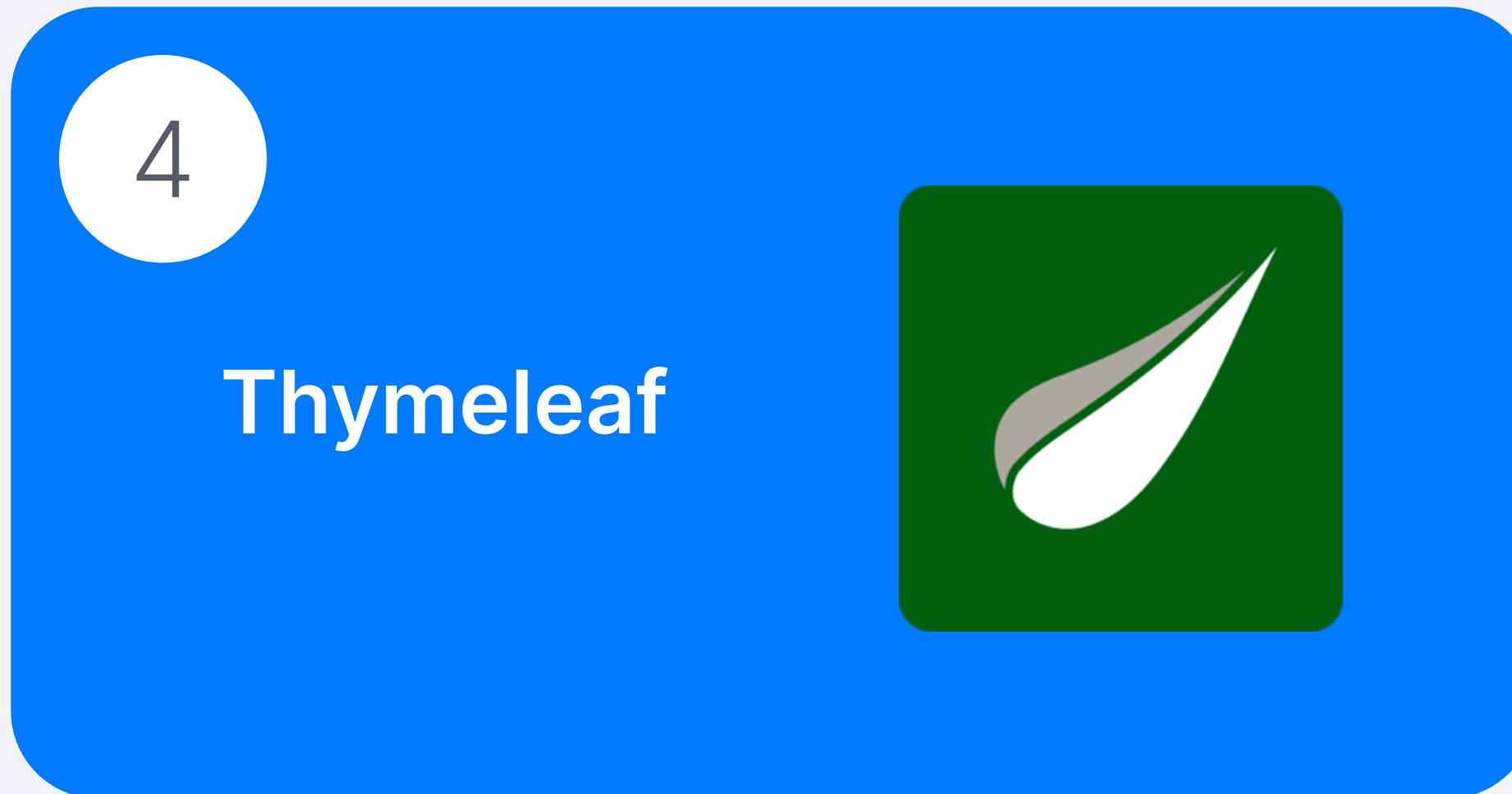
FreeCodeCamp

2



Tensorflow

3



Thymeleaf

4

Open Source Software Analysis

REACT

The GitHub Insights page for the `facebook/react` repository displays various metrics over time. The main section shows an overview from November 15, 2024 – November 22, 2024. It highlights 35 Active pull requests, 26 Active issues, 23 Merged pull requests, 12 Open pull requests, 13 Closed issues, and 13 New issues. A sidebar on the left provides links to Pulse, Contributors, Community Standards, Commits, Code frequency, Dependency graph, Network, and Forks.

Commit Frequency
Regular updates and maintenance.

Issue and Pull Request
The GitHub repository **actively** manages issues and processes pull requests, ensuring diverse community feedback is incorporated.

The GitHub Insights page for the `facebook/react` repository displays various metrics over time. The main section shows an overview from May 26, 2013 – Nov 23, 2024. It highlights contributions to main, line counts have been omitted because commit count exceeds 10,000. A sidebar on the left provides links to Pulse, Contributors, Community Standards, Commits, Code frequency, Dependency graph, Network, and Forks. At the bottom, two contributors are highlighted: `zpao` with 1,933 commits and `gaeran` with 1,773 commits.

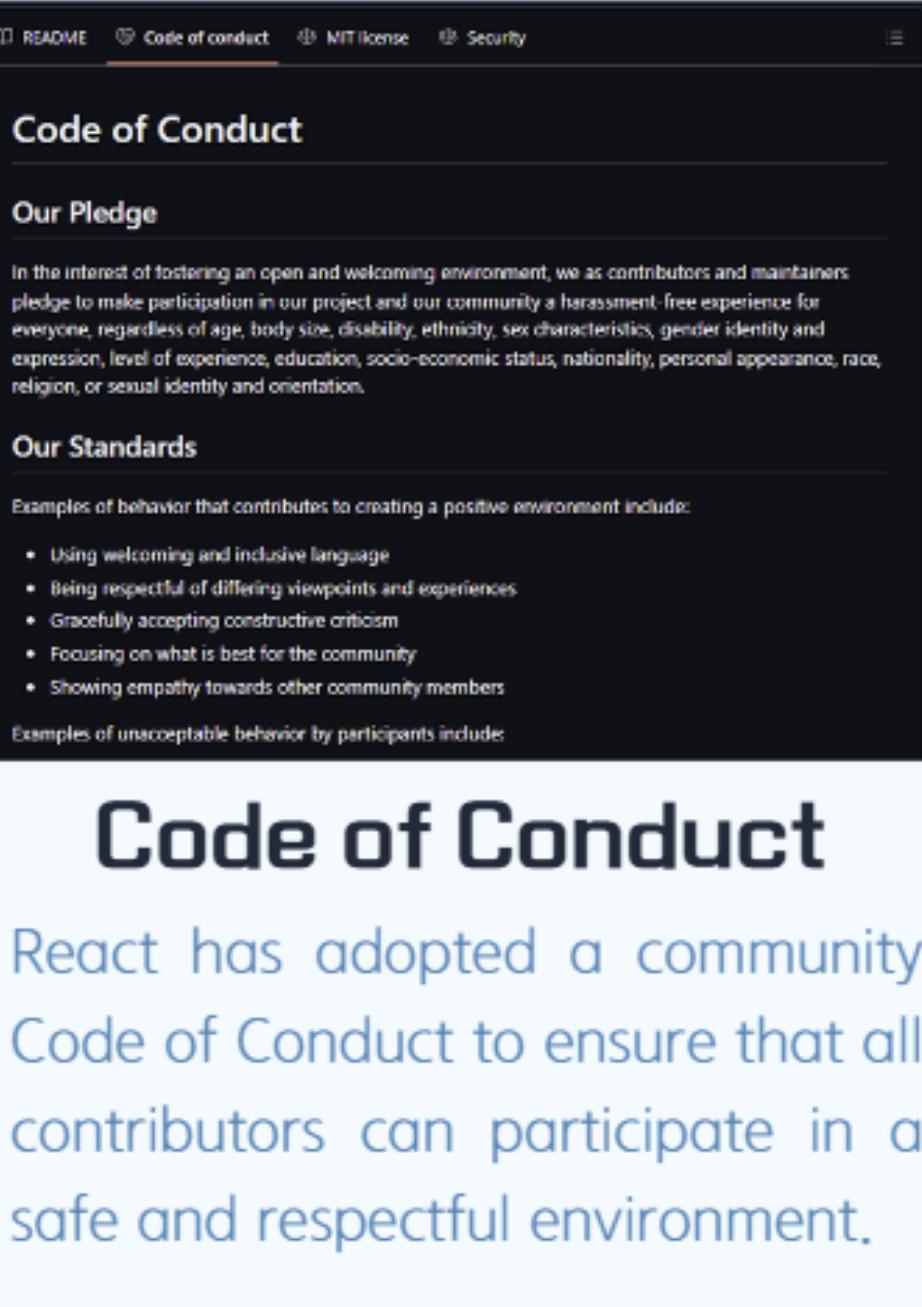
Contributors
A **vast number** of developers from around the world contribute to the project, bringing in perspectives from diverse backgrounds.

FreeCodeCamp

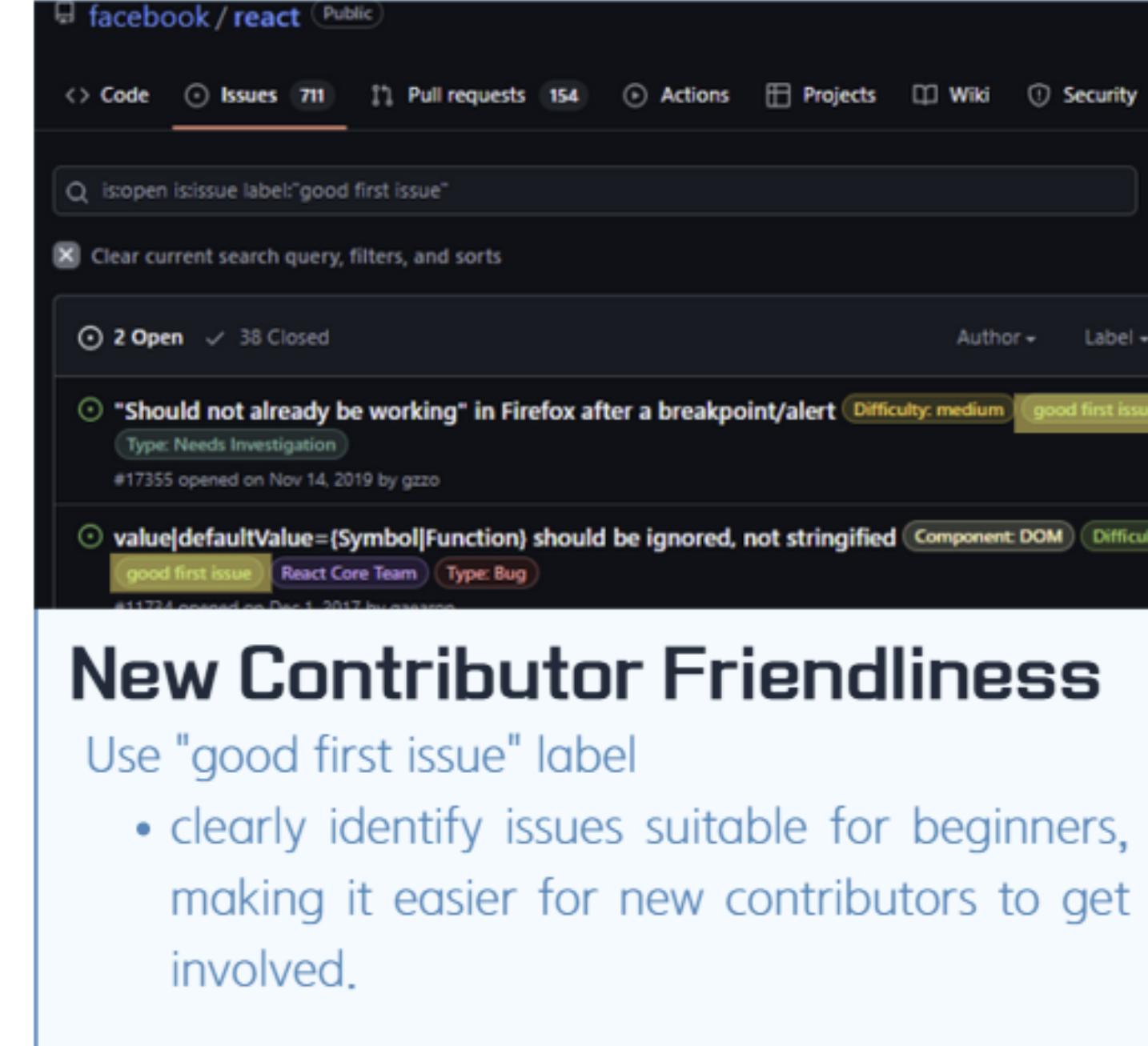
TensorFlow

Thymeleaf

Open Source Software Analysis



The screenshot shows the GitHub repository for React. On the left, there's a sidebar with links to README, Code of conduct, MIT license, and Security. The main content area displays the "Code of Conduct" document. It includes sections for "Our Pledge" and "Our Standards". The "Our Standards" section lists behaviors like using welcoming language and accepting criticism, and unacceptable behaviors like harassment. Below this, a large heading "Code of Conduct" is displayed, followed by a paragraph explaining that React has adopted a community Code of Conduct to ensure a safe environment.



The screenshot shows the GitHub repository for React. The "Issues" tab is selected, showing 711 open and 154 closed issues. A search bar at the top has the query "is:open is:issue label:'good first issue'". Below the search bar, there are two open issues listed. The first issue is titled "'Should not already be working' in Firefox after a breakpoint/alert" and is labeled as "Needs Investigation". The second issue is titled "value|defaultValue=(Symbol|Function) should be ignored, not stringified" and is labeled as "Bug". Both issues have the "good first issue" label applied.

New Contributor Friendliness

Use "good first issue" label

- clearly identify issues suitable for beginners, making it easier for new contributors to get involved.

Commercial Operation

While React originated from Meta, it is open-source and widely utilized by various companies and individuals.

Impact of Commercialization

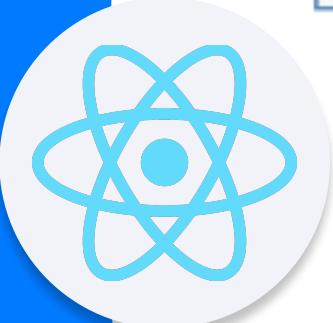
Commercial support enables stable development and maintenance while actively incorporating feedback from the community.

REACT

FreeCodeCamp

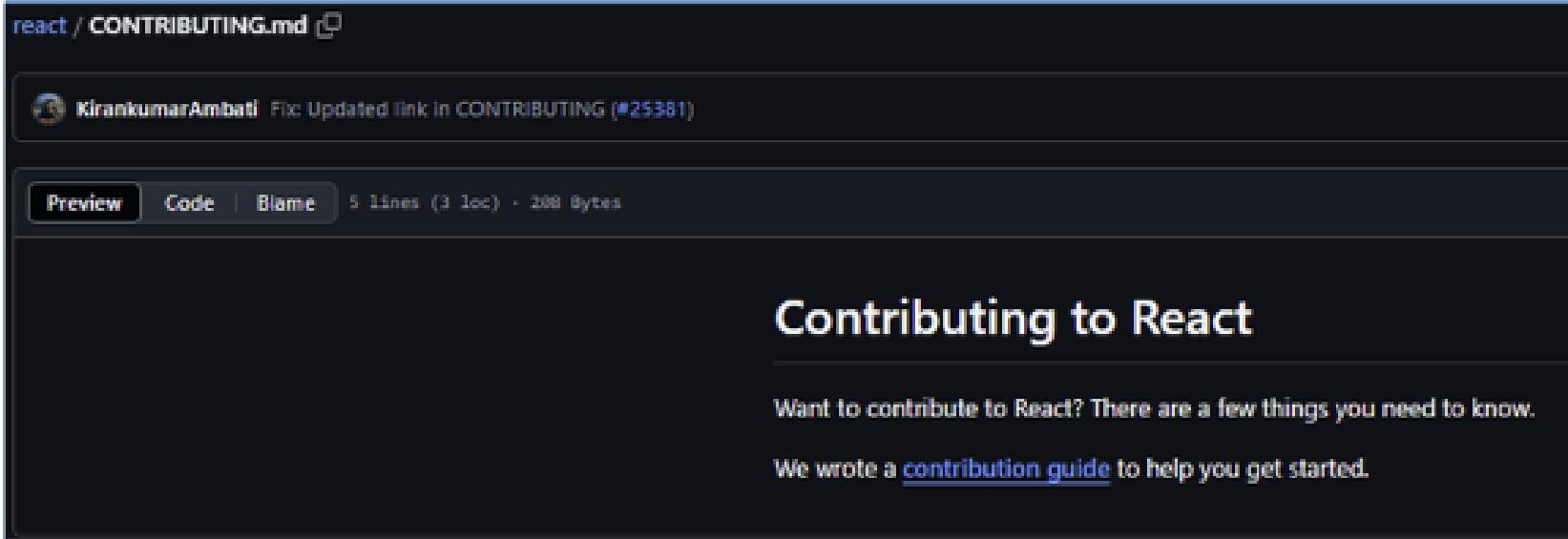
TensorFlow

Thymeleaf



Open Source Software Analysis

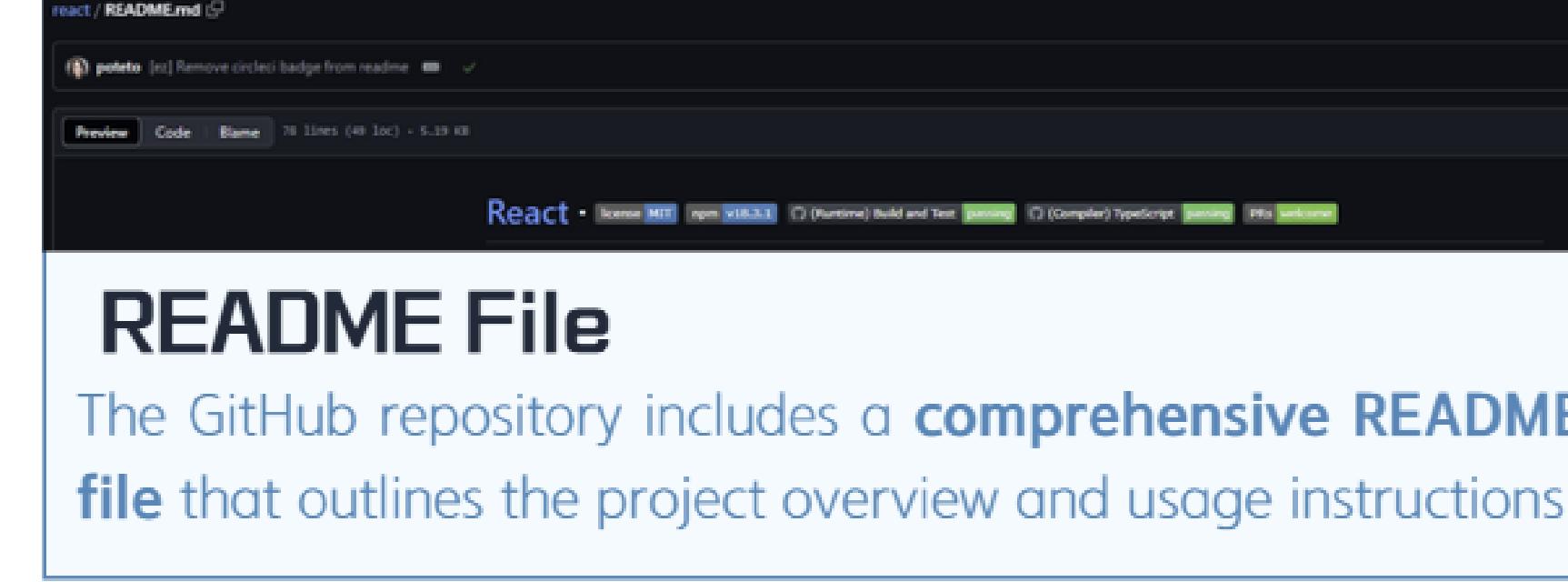
REACT



The screenshot shows a GitHub pull request for the React repository. The pull request is titled "Fix: Updated link in CONTRIBUTING (#25381)". It has 5 lines (3 loc) and 208 Bytes. The commit message is "Kiran Kumar Ambati Fix: Updated link in CONTRIBUTING (#25381)". Below the pull request, there is a "Contributing to React" section with a note: "Want to contribute to React? There are a few things you need to know. We wrote a [contribution guide](#) to help you get started."

Clarity of Contribution Guidelines

The official documentation provides **detailed instructions** on the methods and **procedures for contributing**.



The screenshot shows a GitHub pull request for the React repository. The pull request is titled "potato (re) Remove circled badge from readme". It has 78 lines (48 loc) and 5.19 KB. The commit message is "(re) Remove circled badge from readme". Below the pull request, there is a "README File" section with a note: "The GitHub repository includes a **comprehensive README file** that outlines the project overview and usage instructions."

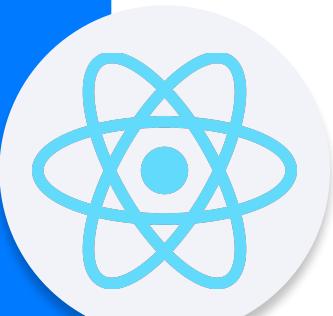
Installation Guidance

The official documentation and tutorials provide **detailed installation instructions** and **various usage examples**.

FreeCodeCamp

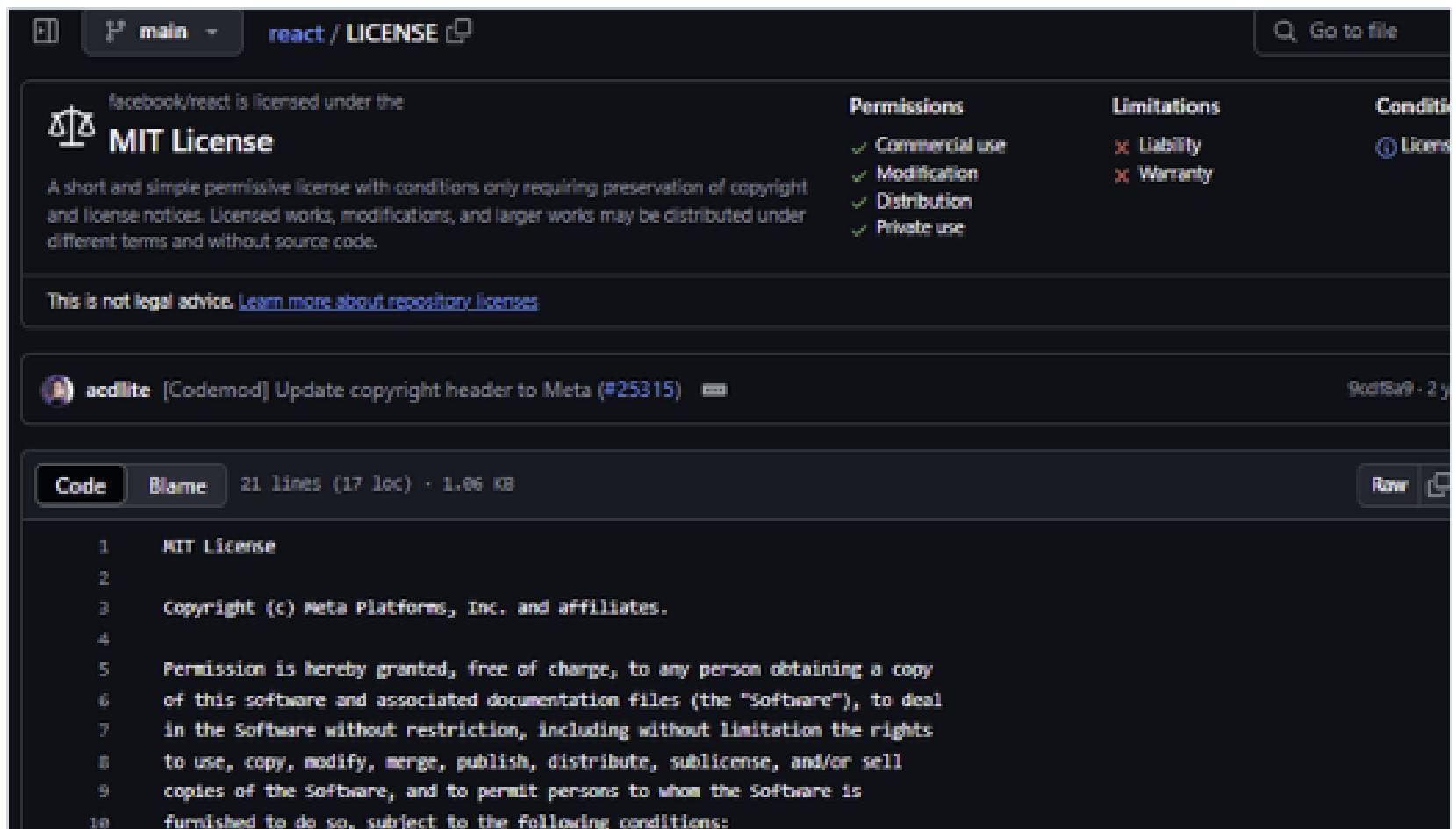
TensorFlow

Thymeleaf



Open Source Software Analysis

REACT



A screenshot of a GitHub repository page for 'facebook/react'. The page shows the 'react / LICENSE' file. The file content is the MIT License, which grants permission to copy, modify, distribute, and sell the software. It also includes a note that the code is released under the MIT License. The file has 21 lines and is 1.06 KB in size.

```
MIT License

Copyright (c) Meta Platforms, Inc. and affiliates.

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:
```

License Type

React is distributed under the [MIT License](#), allowing for free use and distribution.

Contributor License Agreement (CLA)

In order to accept your pull request, we need you to submit a CLA. You only need to do this once, so if you've done this for another Facebook open source project, you're good to go. If you are submitting a pull request for the first time, just let us know that you have completed the CLA and we can cross-check with your GitHub username.

[Complete your CLA here.](#)

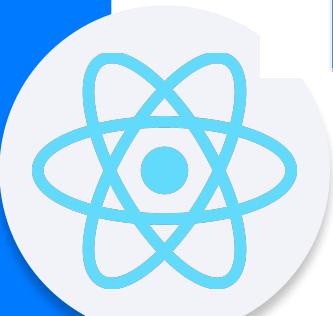
Existence of CLA

React requires contributors to sign a [CLA](#), ensuring clarity on licensing and legal matters related to contributed code.

FreeCodeCamp

TensorFlow

Thymeleaf



Open Source Software Analysis - OSS Insights for Our Project

REACT

Extensive Libraries and Tools

- A wide range of open-source libraries, like React Router and Redux, simplify implementing complex features.

Active Support

- Developers can easily find resources and solutions through GitHub, Stack Overflow, and official documentation.

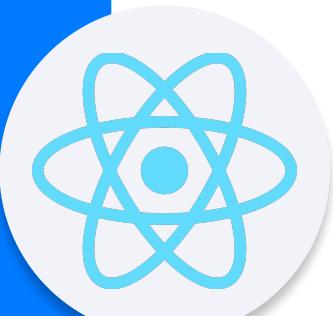
Enhanced Productivity

- The ecosystem includes powerful tools like Next.js for server-side rendering and static site generation, streamlining development workflows.

FreeCodeCamp

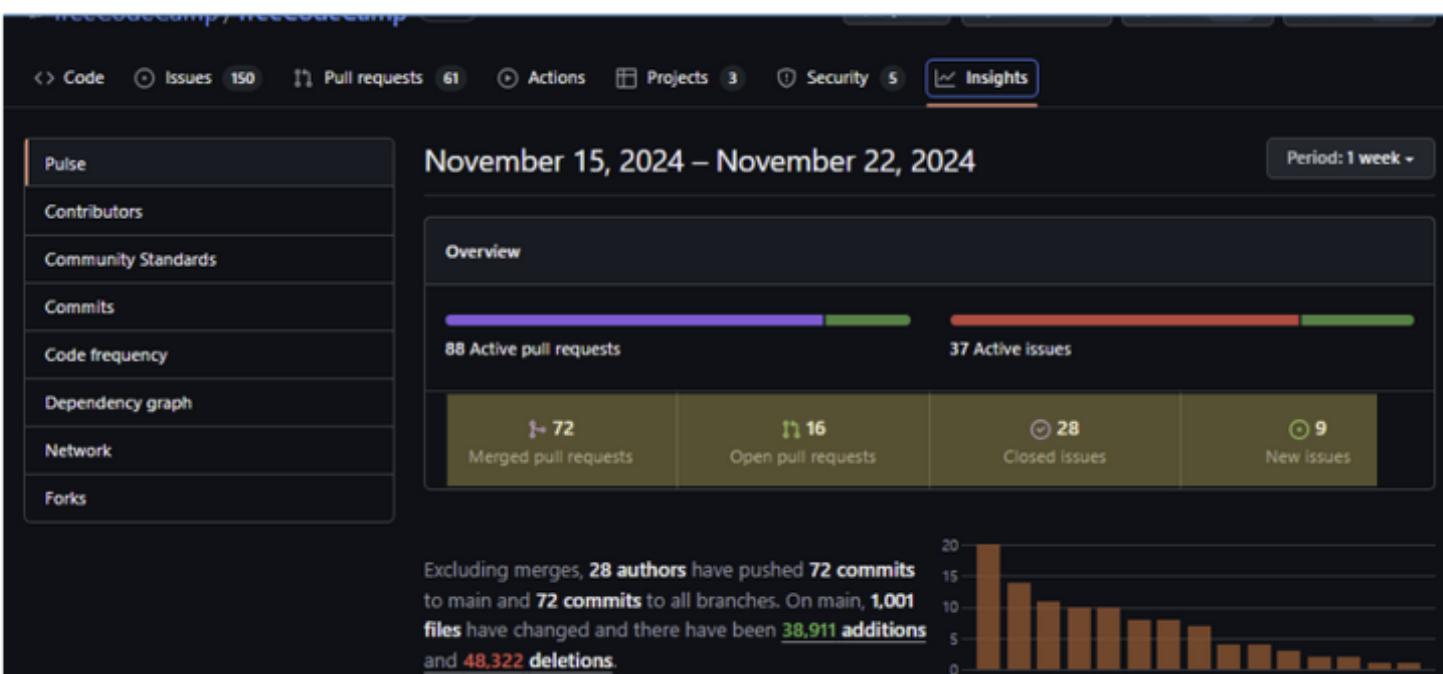
TensorFlow

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Open Source Software Analysis

REACT

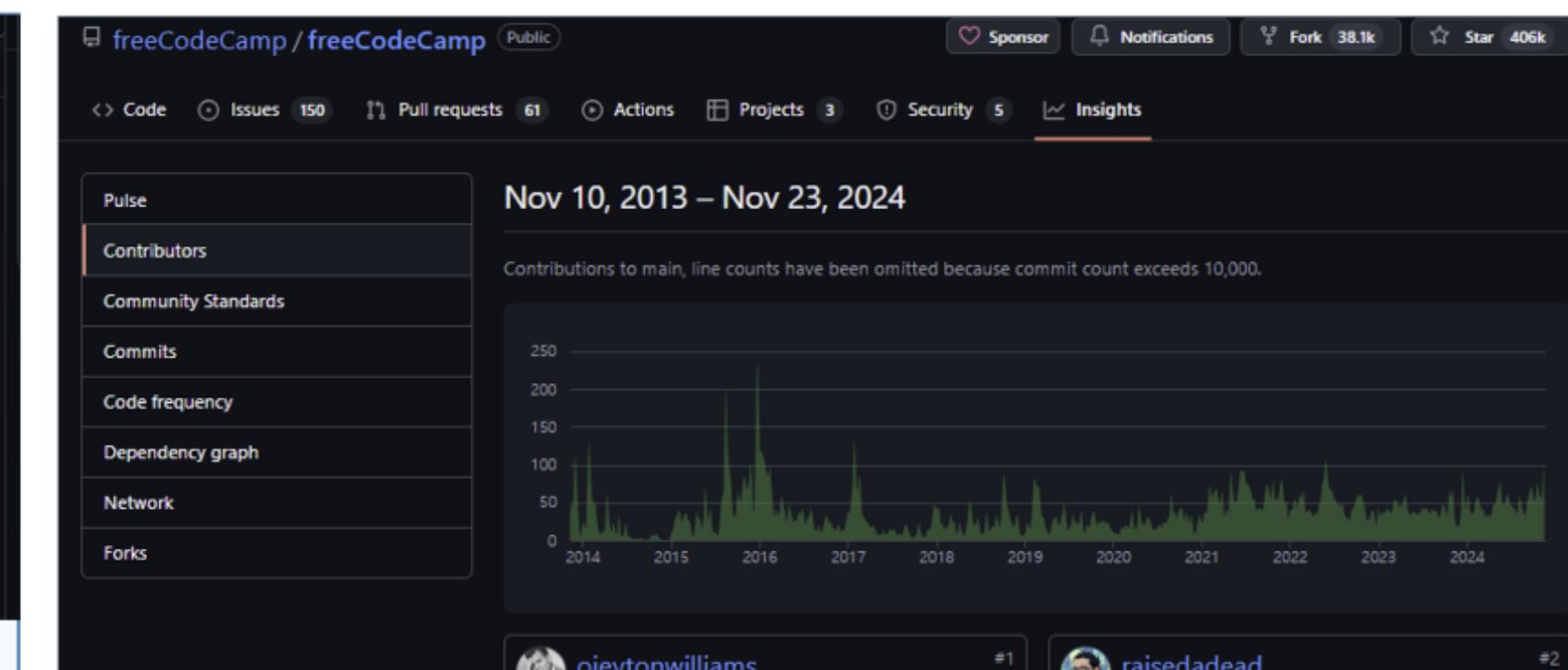


Commit Frequency

FreeCodeCamp undergoes continuous updates and curriculum improvements.

Issue and Pull Request

The GitHub repository actively manages **issues** and processes **pull requests**, incorporating diverse feedback from the community.



Number of Contributors

A large number of developers from around the globe contribute to freeCodeCamp, representing a wide range of backgrounds.

Free
Code
Camp

TensorFlow

Thymeleaf



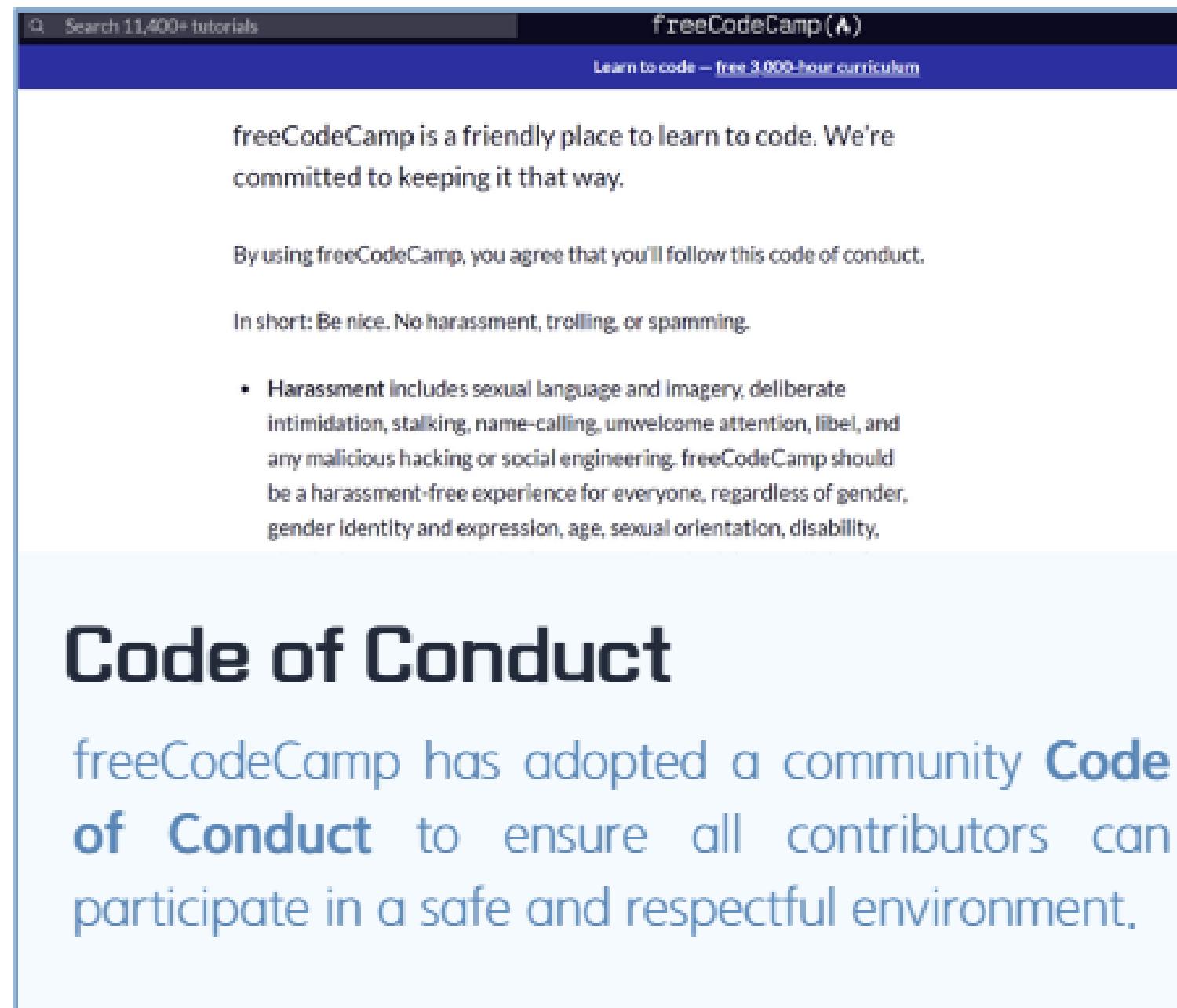
Open Source Software Analysis

REACT

Free
Code
Camp

TensorFlow

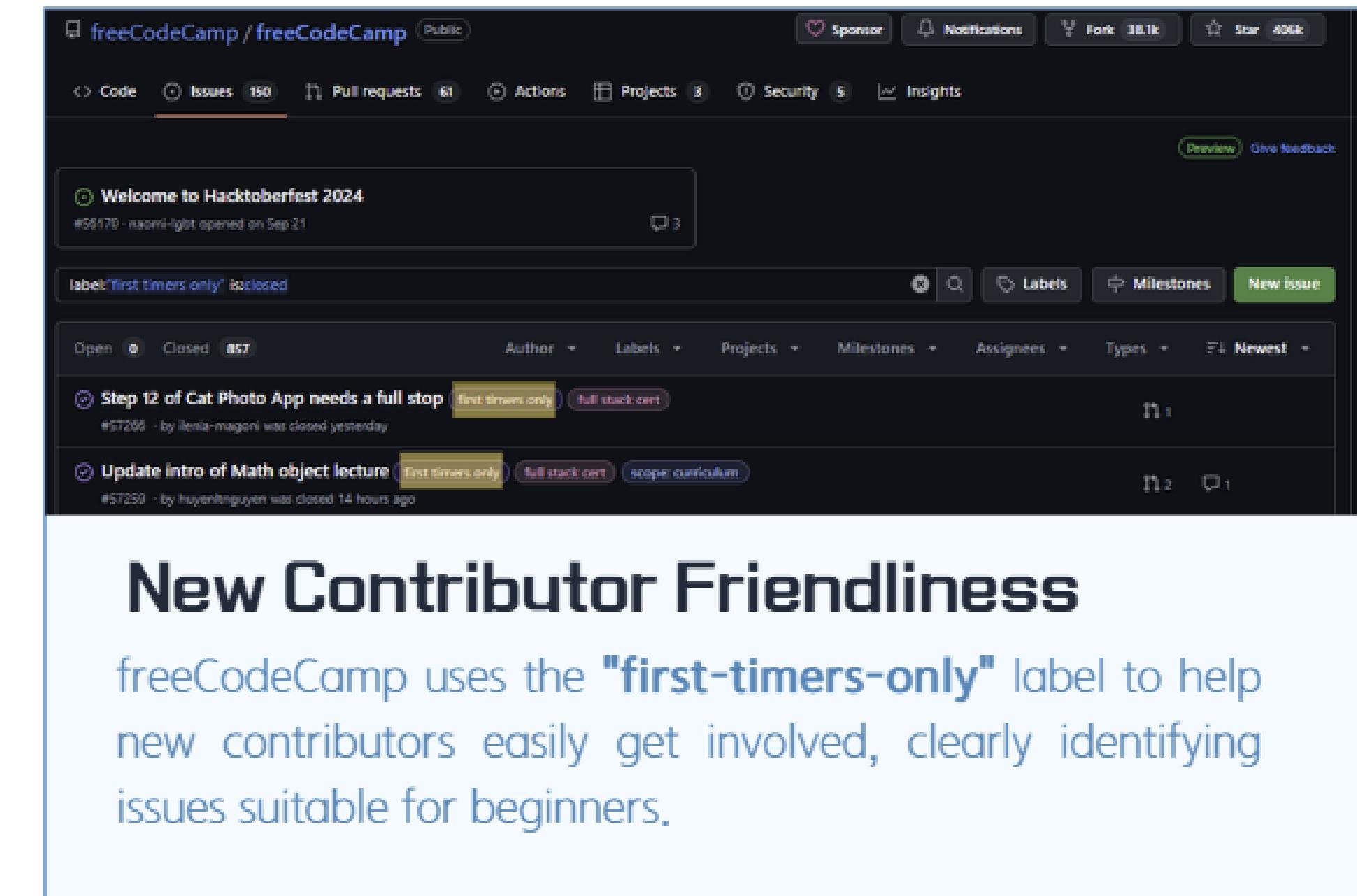
Thymeleaf



The screenshot shows the freeCodeCamp website's code of conduct page. At the top, there is a search bar and a navigation bar with links for "Search 11,400+ tutorials" and "freeCodeCamp (A)". Below the navigation, it says "Learn to code – free 3,000-hour curriculum". The main content area starts with a statement: "freeCodeCamp is a friendly place to learn to code. We're committed to keeping it that way." It then asks users to agree to a code of conduct by clicking a link. The link text is "By using freeCodeCamp, you agree that you'll follow this code of conduct." Below this, there is a section titled "In short: Be nice. No harassment, trolling, or spamming." followed by a bulleted list of rules. The list includes: "Harassment includes sexual language and imagery, deliberate intimidation, stalking, name-calling, unwelcome attention, libel, and any malicious hacking or social engineering. freeCodeCamp should be a harassment-free experience for everyone, regardless of gender, gender identity and expression, age, sexual orientation, disability,"

Code of Conduct

freeCodeCamp has adopted a community [Code of Conduct](#) to ensure all contributors can participate in a safe and respectful environment.



The screenshot shows the GitHub repository for freeCodeCamp. The repository has 150 issues, 61 pull requests, and 3 actions. The repository is public and has 38.1k forks and 406k stars. The main page features a banner for "Welcome to Hacktoberfest 2024". Below the banner, there is a search bar and a filter for "label: 'first-timers-only' is:closed". There are three closed issues listed:

- Step 12 of Cat Photo App needs a full stop
- Update intro of Math object lecture

Both of these issues have the "first-timers-only" label applied to them.

New Contributor Friendliness

freeCodeCamp uses the "["first-timers-only"](#)" label to help new contributors easily get involved, clearly identifying issues suitable for beginners.



Open Source Software Analysis

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[freeCodeCamp.org](#) is a friendly community where you can learn to code for free. It is run by a [donor-supported 501\(c\)\(3\) nonprofit](#) to help millions of busy adults transition into tech.

Our full-stack web development and machine learning curriculum is completely free and self-paced. We have thousands of interactive coding challenges to help you expand your skills.

You can [read more about freeCodeCamp](#).

Commercial Operation

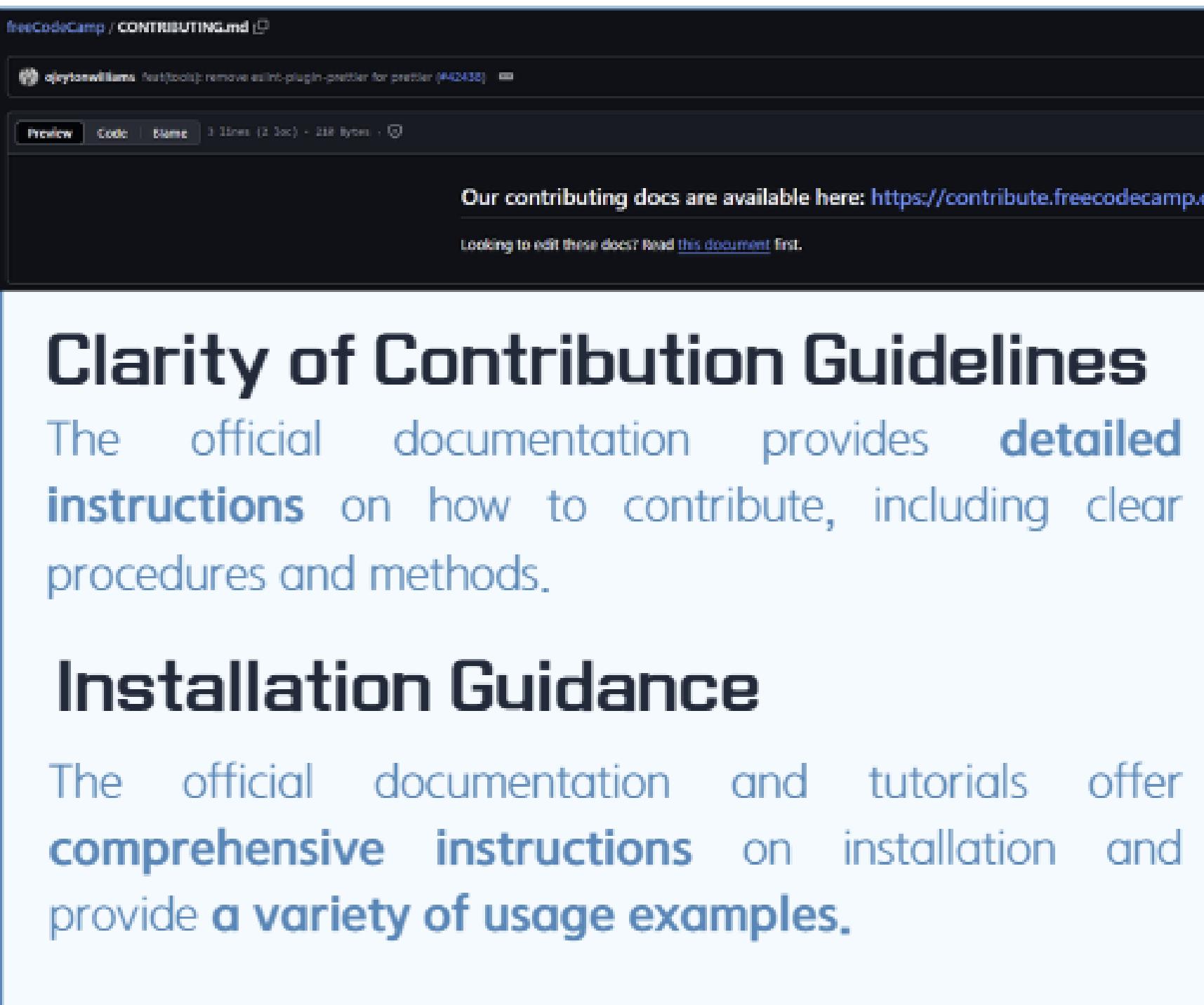
FreeCodeCamp is operated as a [nonprofit organization](#), providing free educational resources and relying on donations from sponsors for funding.

Impact of Commercialization

Its nonprofit structure allows freeCodeCamp to focus on community-driven development and education.



Open Source Software Analysis



The screenshot shows a GitHub repository page for `freeCodeCamp / CONTRIBUTING.md`. The page displays the content of the `CONTRIBUTING.md` file, which includes a note about contributing documentation and a link to <https://contribute.freecodecamp.org>. Below the file content, there is a section titled **Clarity of Contribution Guidelines** with a detailed description of the official documentation's clarity.

Clarity of Contribution Guidelines

The official documentation provides **detailed instructions** on how to contribute, including clear procedures and methods.

Installation Guidance

The official documentation and tutorials offer **comprehensive instructions** on installation and provide **a variety of usage examples**.



The screenshot shows a GitHub repository page for `freeCodeCamp / README`. The page features a large, scenic illustration of a river flowing through a forest. Overlaid on the image is a wooden signpost with the text "freeCodeCamp(🔥)". The page includes links to the `README`, `Code of conduct`, `BSD-3-Clause license`, and `Security` sections. Below the illustration, there is a section titled **README File** with a detailed description of the repository's README file.

freeCodeCamp.org's open-source codebase and curriculum

README File

The GitHub repository includes a detailed **README file** that provides an overview of the project and instructions on how to use it.

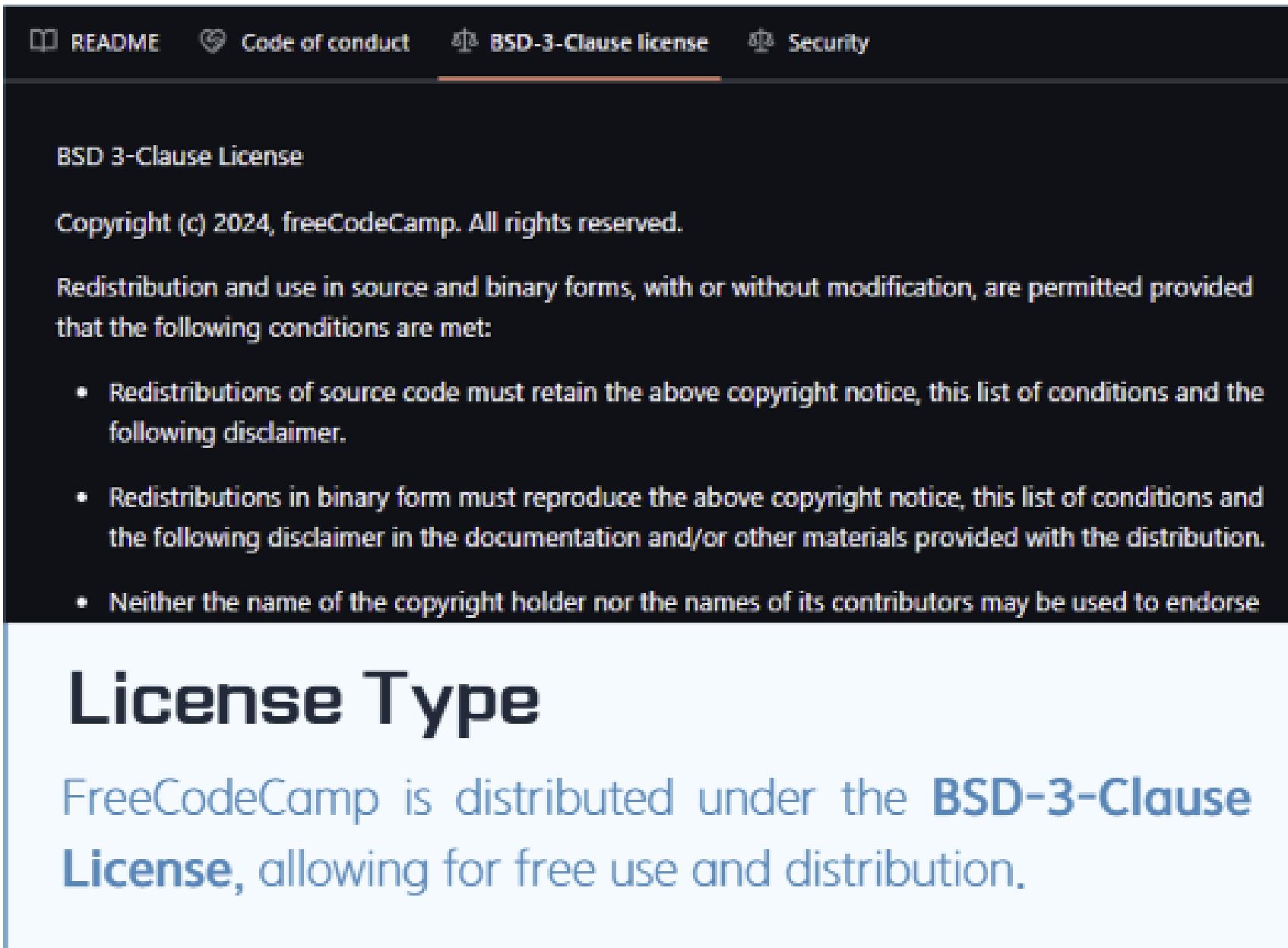
REACT

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Code
Camp

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Open Source Software Analysis



The screenshot shows the BSD-3-Clause license page for the FreeCodeCamp repository on GitHub. The top navigation bar includes links for README, Code of conduct, BSD-3-Clause license (which is highlighted), and Security. The main content area starts with the title "BSD 3-Clause License" and the copyright notice "Copyright (c) 2024, freeCodeCamp. All rights reserved.". It then details the redistribution conditions: "Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:" followed by a bulleted list of requirements.

License Type

FreeCodeCamp is distributed under the **BSD-3-Clause License**, allowing for free use and distribution.

Existence of CLA

FreeCodeCamp requires contributors to sign a **CLA**, ensuring clarity on licensing and addressing legal matters related to contributed code.

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Open Source Software Analysis - OSS Insights for Our Project



Tutorial Mode

- A guided, hands-on introduction for first-time users to familiarize themselves with the platform's features.

Achievement System

- Reward users with points or badges for completing challenges.
- Visualize weekly progress through graphs to enhance motivation.

Learning-Integrated Task Management

- Allow users to set and track personal goals aligned with custom or pre-defined learning roadmaps.
- Provide relevant tasks based on users' educational or developmental objectives.

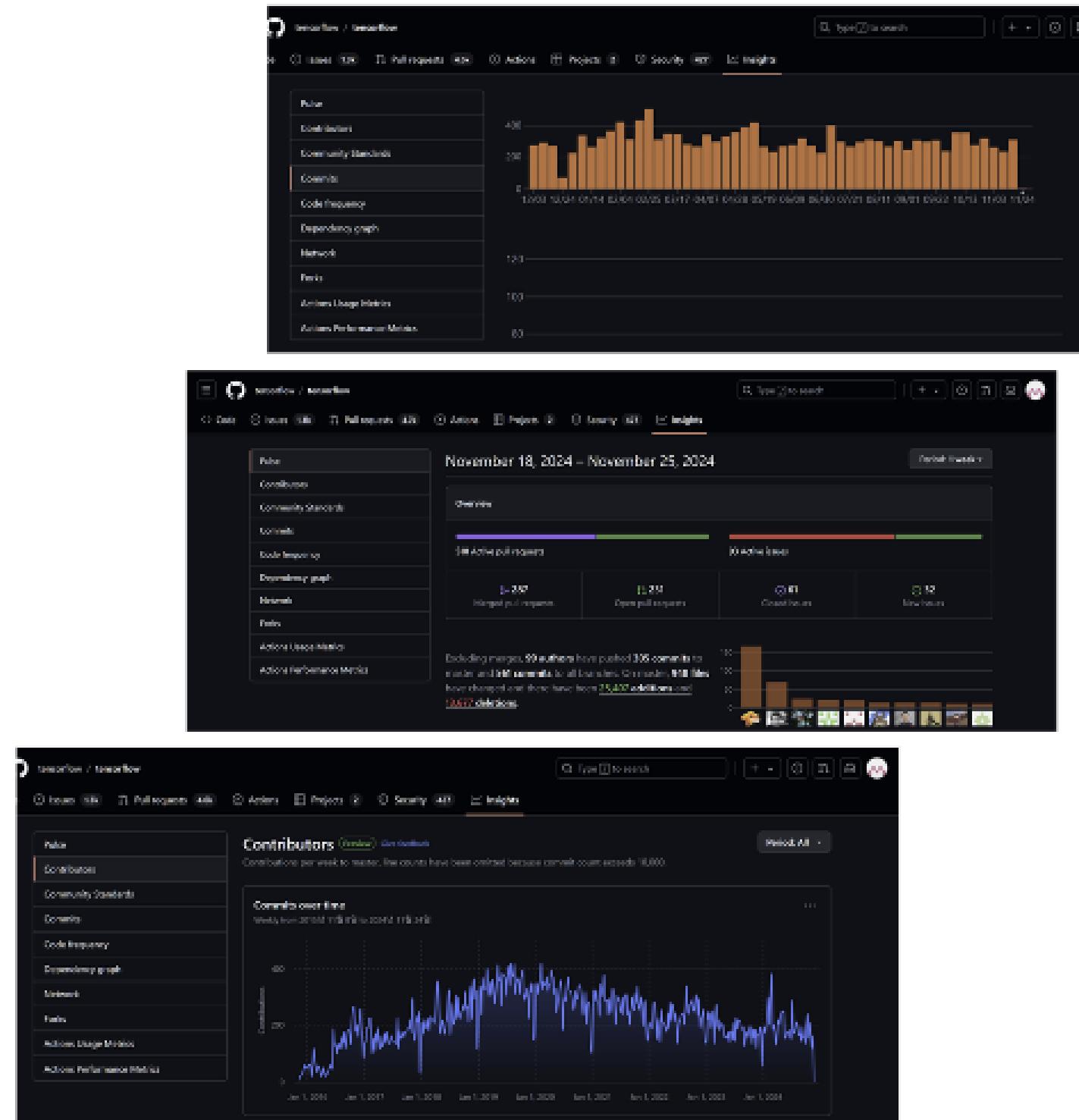
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Commit Frequency

Regular updates, with frequent commits ensuring the project stays modern and relevant.

Issue and Pull Request

Both PRs and issues are actively managed, reflecting the community's prompt responsiveness. Additionally, the high merge and issue resolution rates indicate that developer feedback is quickly incorporated.

Number of Contributors

A diverse global network of developers, ranging from beginners to experts, continuously supports the project.



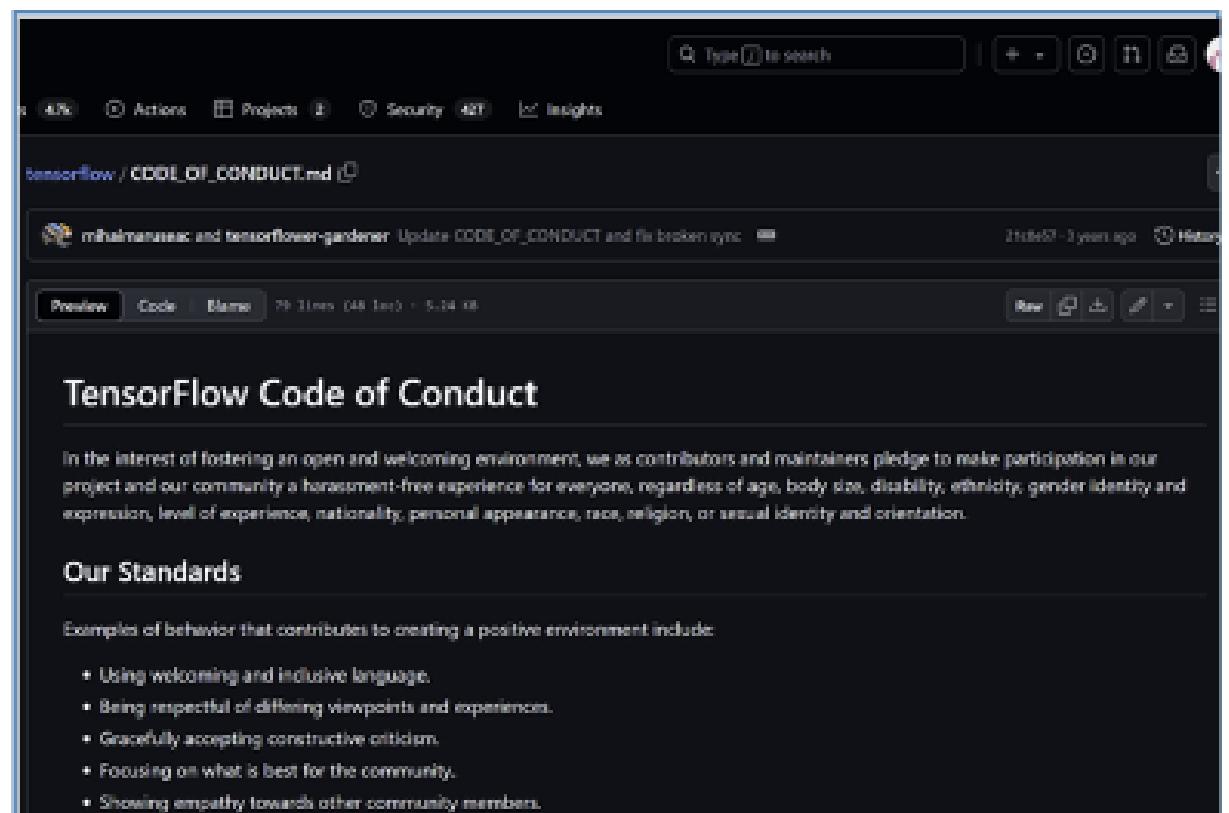
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FreeCodeCamp

TensorFlow

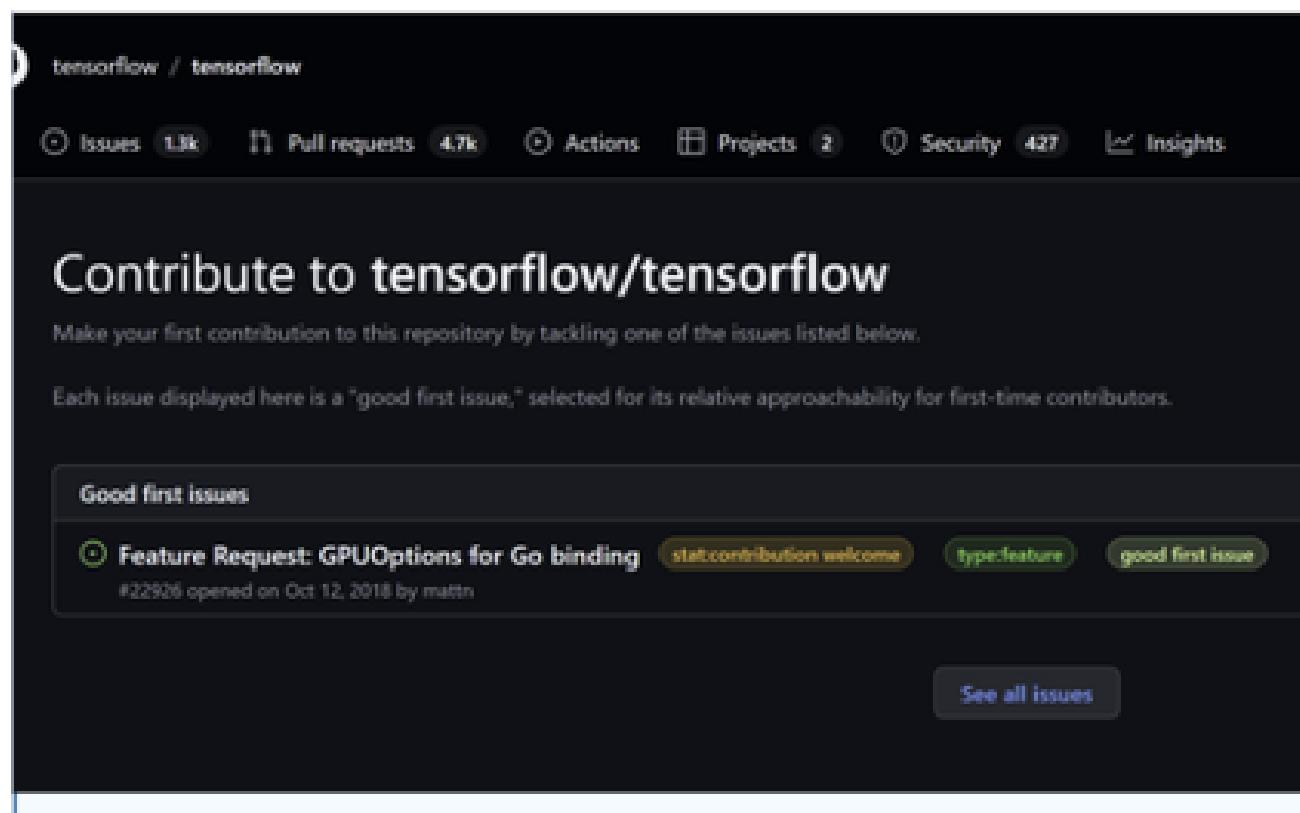
Thymeleaf

Open Source Software Analysis



Code of Conduct

Ensures a respectful environment through its Code of Conduct, fostering collaboration and inclusivity.



"Good First Issue" labels and a detailed Contributor Guide help beginners contribute easily.

Commercial Orientation

Backed by Google, TensorFlow balances community-driven development with commercial applications, making it suitable for both open-source projects and enterprise solutions.

REACT

FreeCodeCamp

TensorFlow

Thymeleaf



Open Source Software Analysis

The screenshot shows the TensorFlow website. At the top, there's a navigation bar with links for Installation, Learning, API, Resources, Community, and more. Below the navigation is a search bar and a GitHub login button. The main content area has a yellow header "Introduction to TensorFlow". It says "TensorFlow makes it easy for beginners and experts alike to build machine learning models for desktop, mobile, web, and the cloud." Below this, there are four sections: "TensorFlow" (with a 3D cube icon), "For web" (with a browser icon), "For mobile and edge" (with a smartphone icon), and "For production use" (with a server icon). Each section has a brief description. At the bottom, there's a large "Documentation" section with the subtext "Clear guides, examples, and comprehensive README."

The screenshot shows the GitHub repository tensorflow/LICENSE. It displays the Apache License 2.0 details, including permissions (Commercial use, Modification, Distribution, Patent use, Private use), limitations (Trademark use, Liability, Warranty), and conditions (License and copyright notice, State changes). Below this, there's a note: "This is not legal advice. Learn more about repository licenses." A commit history is shown with a single entry from "rjpower and tensorflow-gardener" that removes duplicate LICENSE information. At the bottom, the Apache License text is displayed, starting with "Apache License" and "Version 2.0, January 2004".

CLA : Ensures that contributors retain legal clarity and protection for their contributions.



REACT

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Open Source Software Analysis - OSS Insights for Our Project

Task Prioritization

Analyze user patterns using ML to recommend tasks.

Achievement Analytics

Predict completion rates and visualize achievements.

Challenge Success Prediction

Offer data-driven insights into the success probability of challenges.

REACT

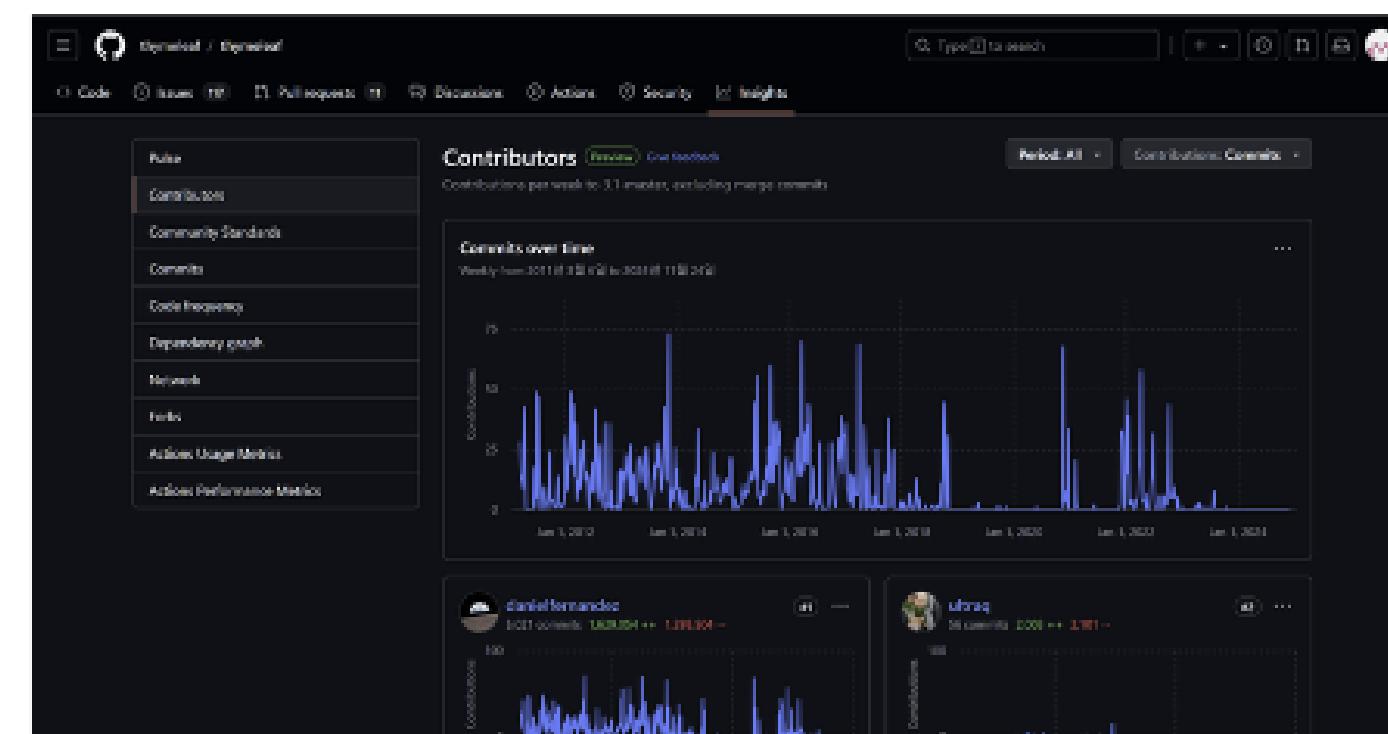
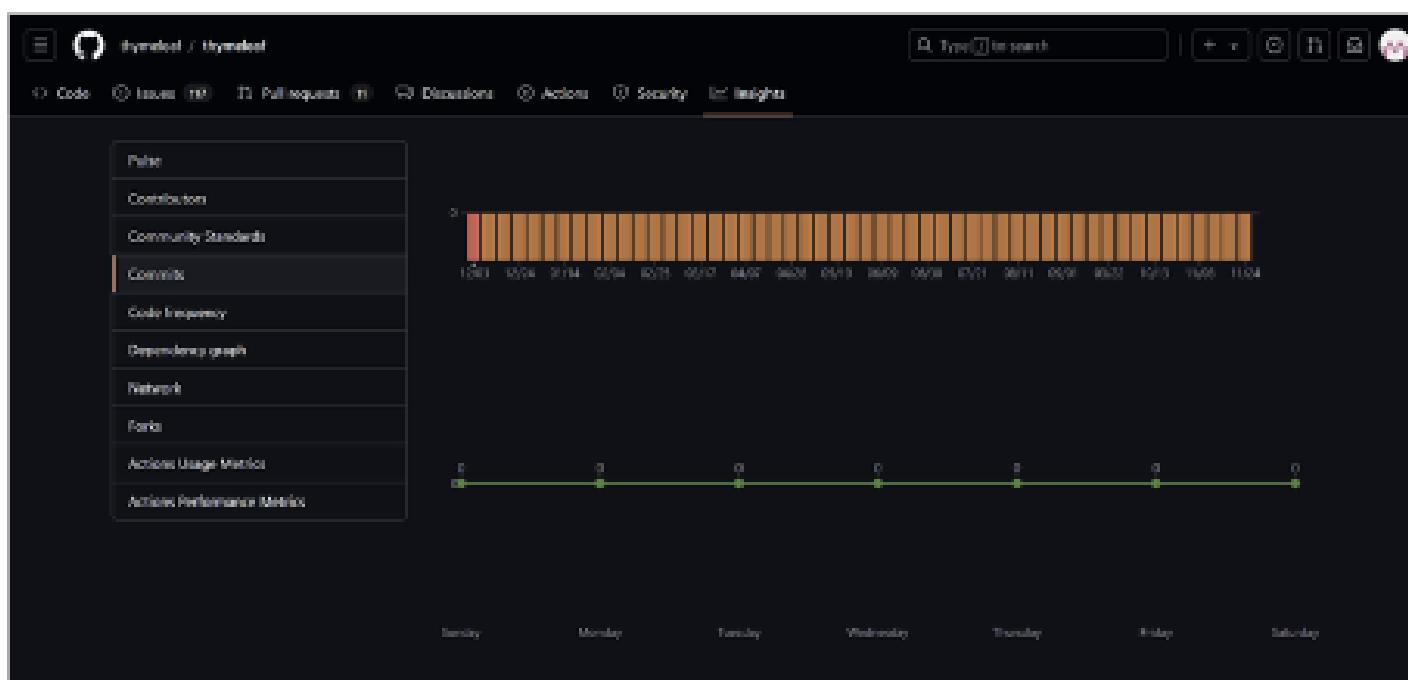
FreeCodeCamp

TensorFlow

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Open Source Software Analysis



Commit Frequency

No recent commits, indicating that the project is currently in a low-activity or inactive phase.

Issue and Pull Request

Developer team actively manages and responds to GitHub contributions.

Number of Contributors



Contributions from developers worldwide, enriching the project.

REACT

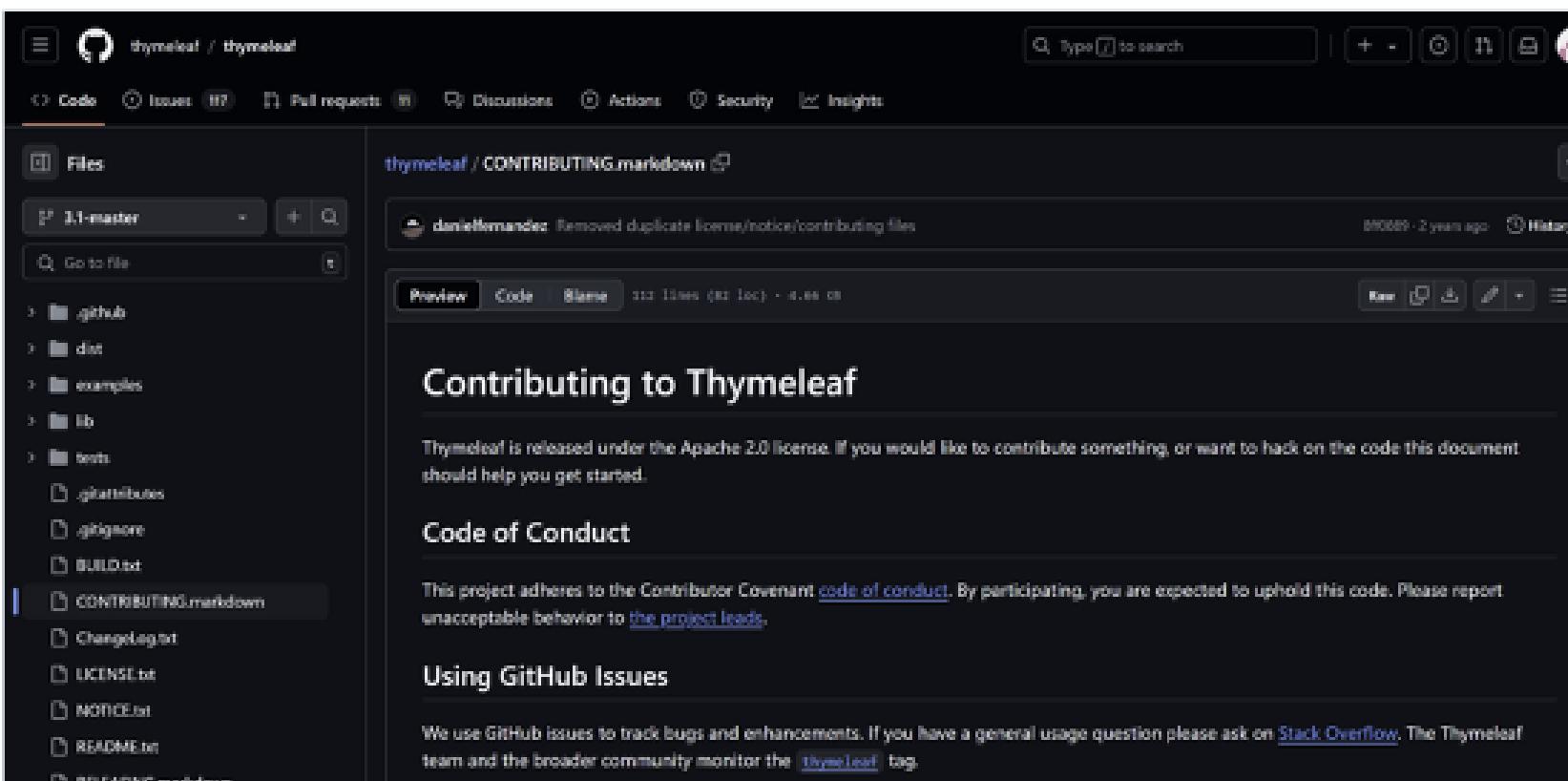
FreeCodeCamp

TensorFlow

Thymeleaf

Open Source Software Analysis

REACT



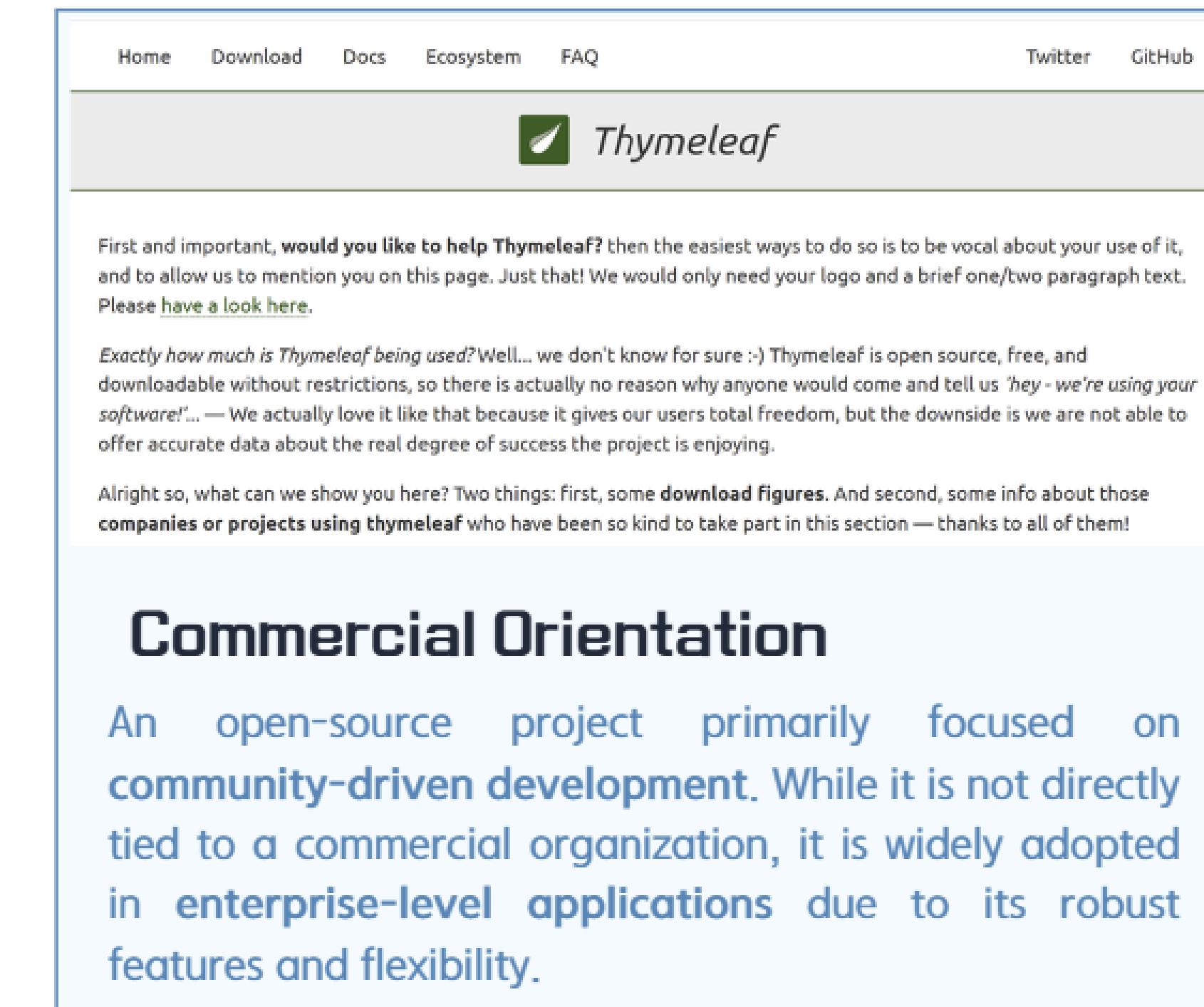
A screenshot of the Thymeleaf GitHub repository. The left sidebar shows project files like .github, .gitattributes, .gitignore, and .BUILD.txt. The main area displays the contents of the CONTRIBUTING.markdown file. It includes sections for 'Contributing to Thymeleaf' (mentioning Apache 2.0 license), 'Code of Conduct' (referring to the Contributor Covenant code of conduct), and 'Using GitHub Issues' (instructions for reporting bugs and enhancements). A commit from danielRemander is visible at the top.

Code of Conduct

No official CoC, but promotes respect and collaboration.

Beginner Friendliness

Contribution guides and beginner-friendly labels available.



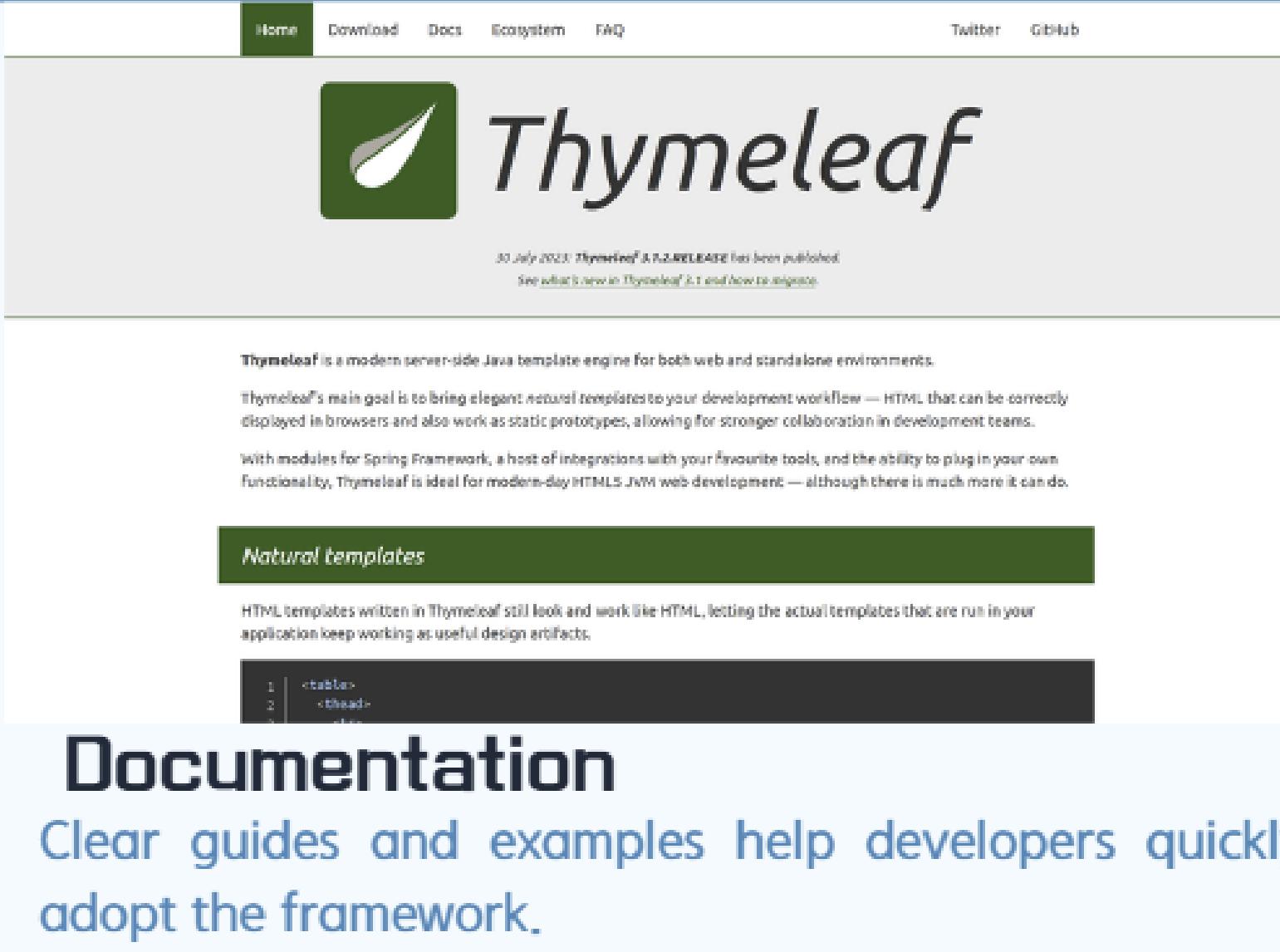
A screenshot of the Thymeleaf website. The header includes links for Home, Download, Docs, Ecosystem, and FAQ, along with social media icons for Twitter and GitHub. The main content features the Thymeleaf logo and a section titled 'First and important'. It discusses ways to help the project, mentions its open-source nature, and highlights its commercial orientation. Below this, there's a section about download figures and company partnerships. The footer contains a 'Commercial Orientation' summary and a 'Thymeleaf' logo.

FreeCodeCamp

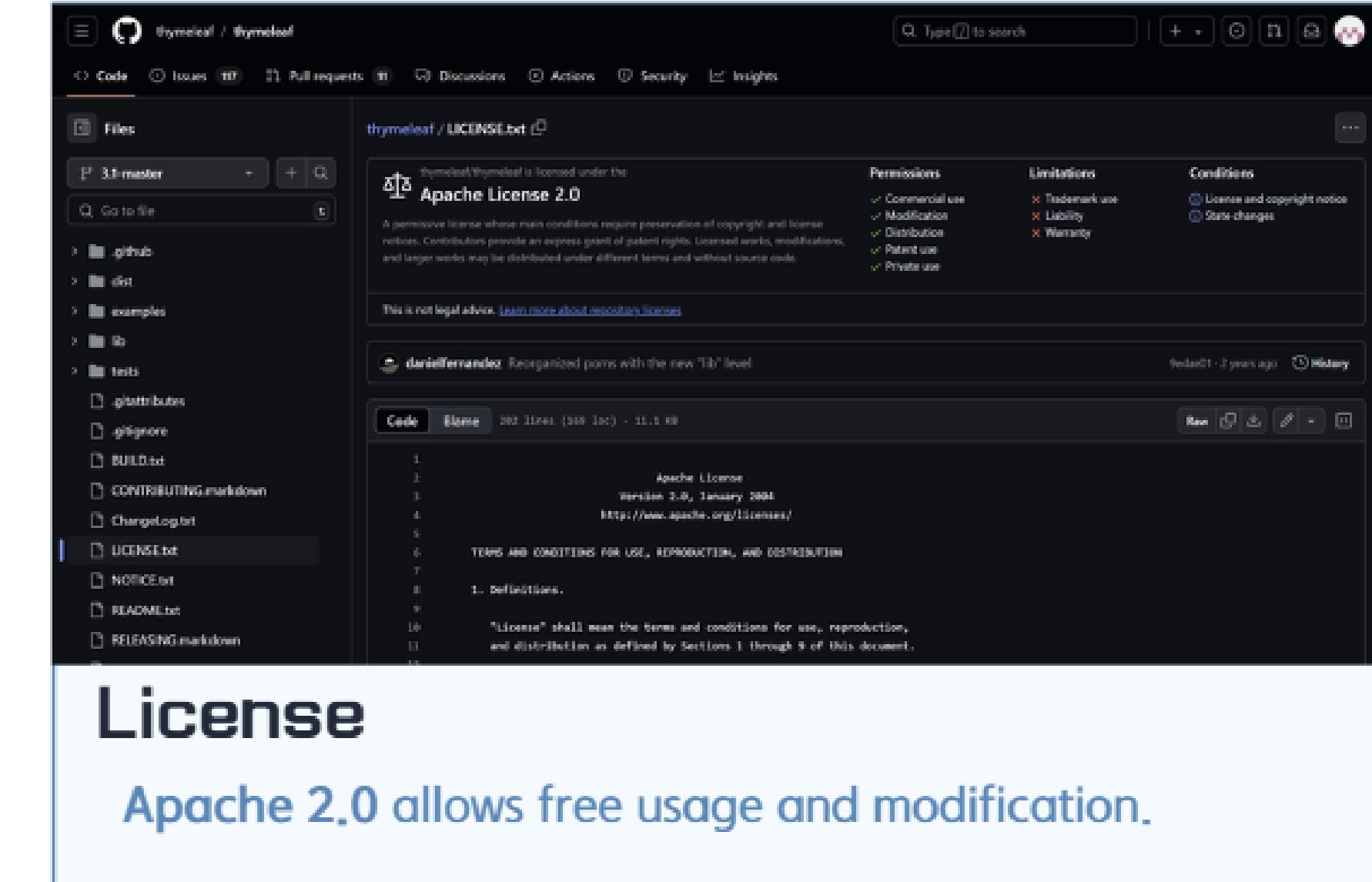
TensorFlow

Thymeleaf

Open Source Software Analysis



The screenshot shows the official Thymeleaf website. At the top, there's a navigation bar with links for Home, Download, Docs, Ecosystem, FAQ, Twitter, and GitHub. The main header features the Thymeleaf logo (a stylized green leaf) and the word "Thymeleaf". Below the header, a banner announces the release of Thymeleaf 3.0.2 RELEASE. The page then describes Thymeleaf as a modern server-side Java template engine. A "Natural templates" section highlights that Thymeleaf templates look like regular HTML. A code snippet shows a simple table structure. The bottom section is titled "Documentation" and emphasizes clear guides and examples for developers.



The screenshot shows the GitHub repository for Thymeleaf. It displays the file structure of the 3.0.2 branch, with the LICENSE.txt file highlighted. The Apache License 2.0 is shown in the code editor. The license text is as follows:

```
Apache License  
Version 2.0, January 2004  
http://www.apache.org/licenses/  
  
TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION  
  
1. Definitions.  
2. License.  
3. Limitations.  
4. Disclaimer.  
5. License.  
6. Licensee shall mean the terms and conditions for use, reproduction,  
and distribution as defined by Sections 1 through 9 of this document.
```

Below the code editor, a note states: "This is not legal advice. Learn more about repository licenses."

CLA : No CLA required, lowering barriers for new contributors.

REACT

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TensorFlow

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Open Source Software Analysis - OSS Insights for Our Project



Template-Based UI

Render and manage UI components dynamically.

REACT

Server-Side Rendering

Optimize SEO and improve initial loading times.

FreeCodeCamp

Form Handling

Simplify input validation and task additions.

TensorFlow

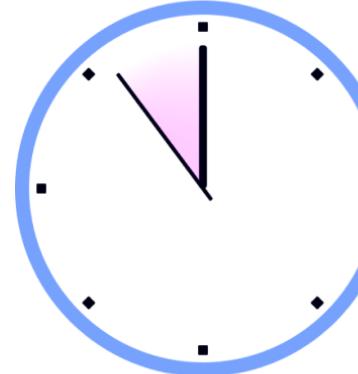
Thymeleaf



Time to Do!



To-do



List



Calendar



Visualization

The name of project



Time To-Do!

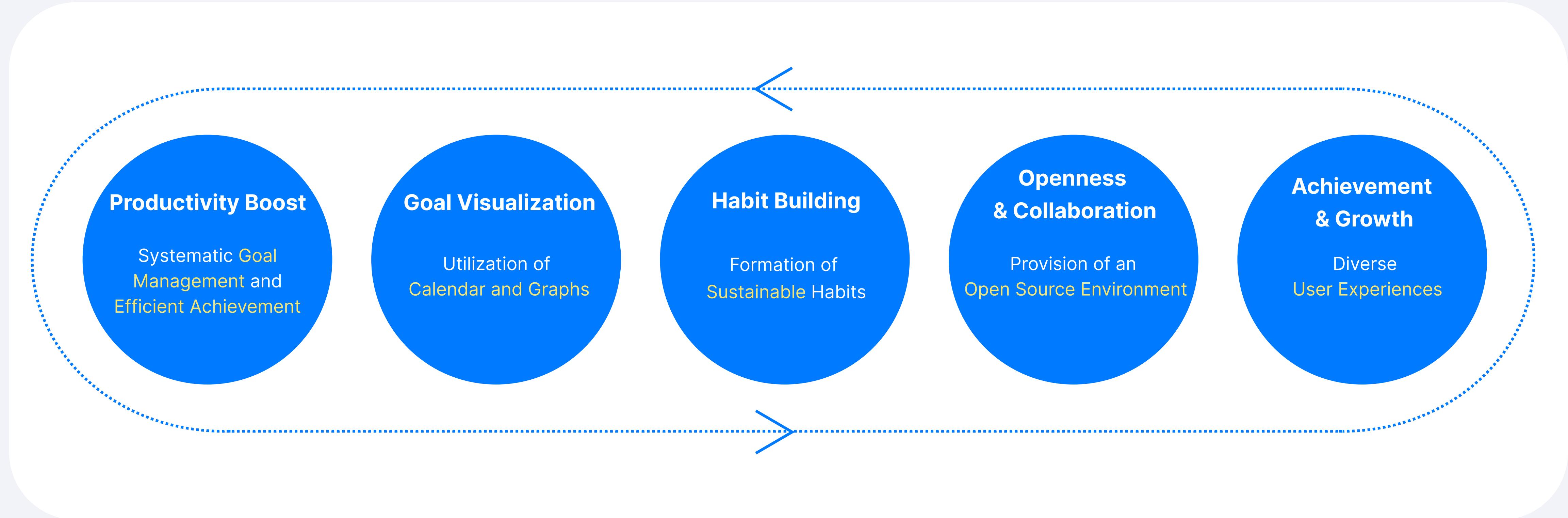
Now is the time to take action and begin achieving goals!

**It supports users' goal achievement
and growth through to-do lists.**

It's your “Time To-Do!”

The 5 KEYWORDS of Time To-Do

A Productivity Tool to Support **Users' Goal Achievement** and **Habit Formation**



The Philosophy of Time To-Do

Small Achievements



+

Openness



+

Collaboration



+

Community Feedback



With your supportive companion "Time To-Do",

"Small achievements build up

to create big changes."

Our philosophy is rooted in the belief that **small changes lead to big transformations**,
centered on the values of **sharing and collaboration**.

Targeted Users



Students



Professionals



anyone looking to
improve productivity

Feature Introduction



To-do List Management



Challenge Mode

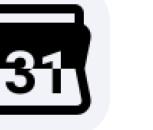


Calendar Visualization



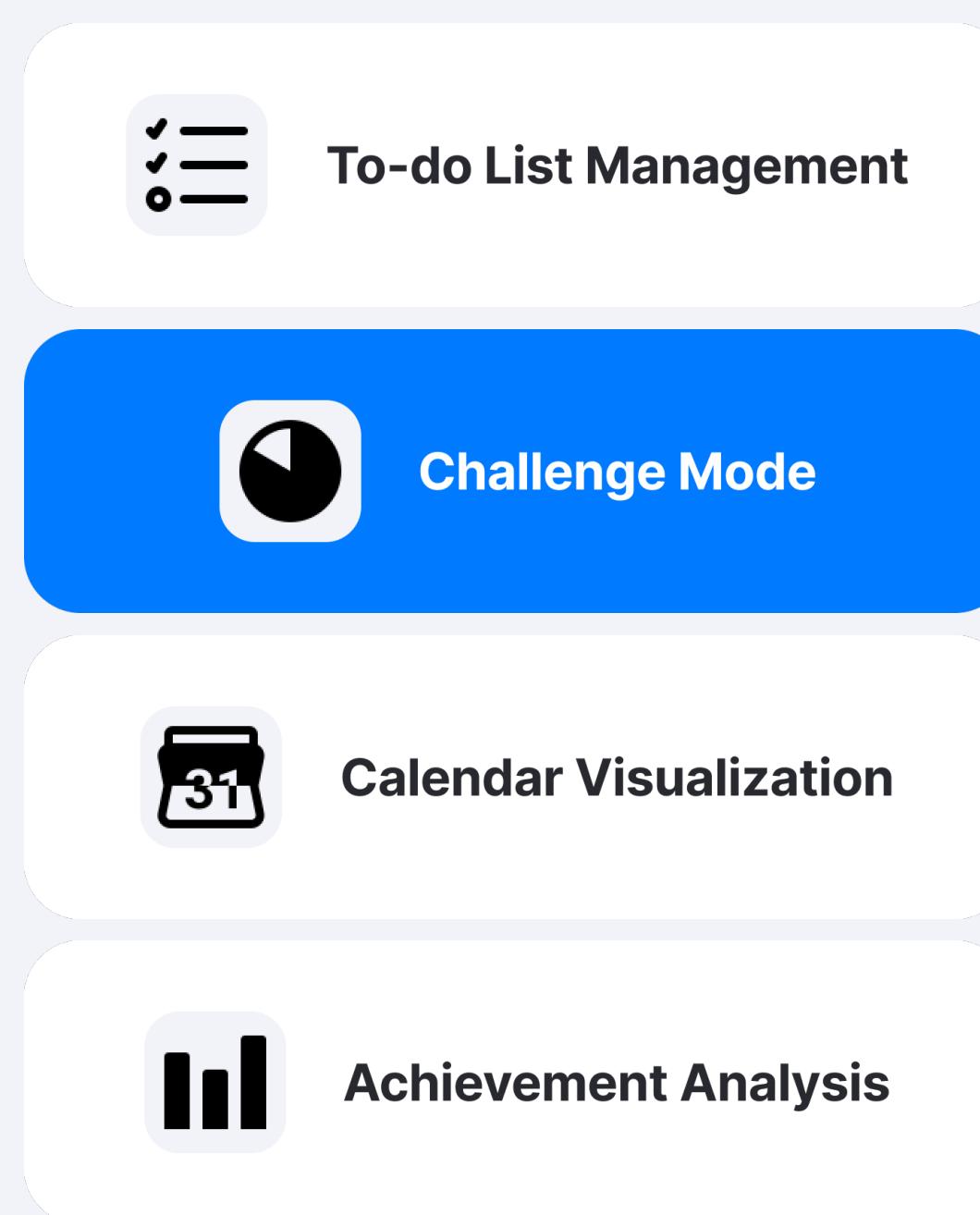
Achievement Analysis

Feature 1: To-do List Management

-  To-do List Management
-  Challenge Mode
-  Calendar Visualization
-  Achievement Analysis

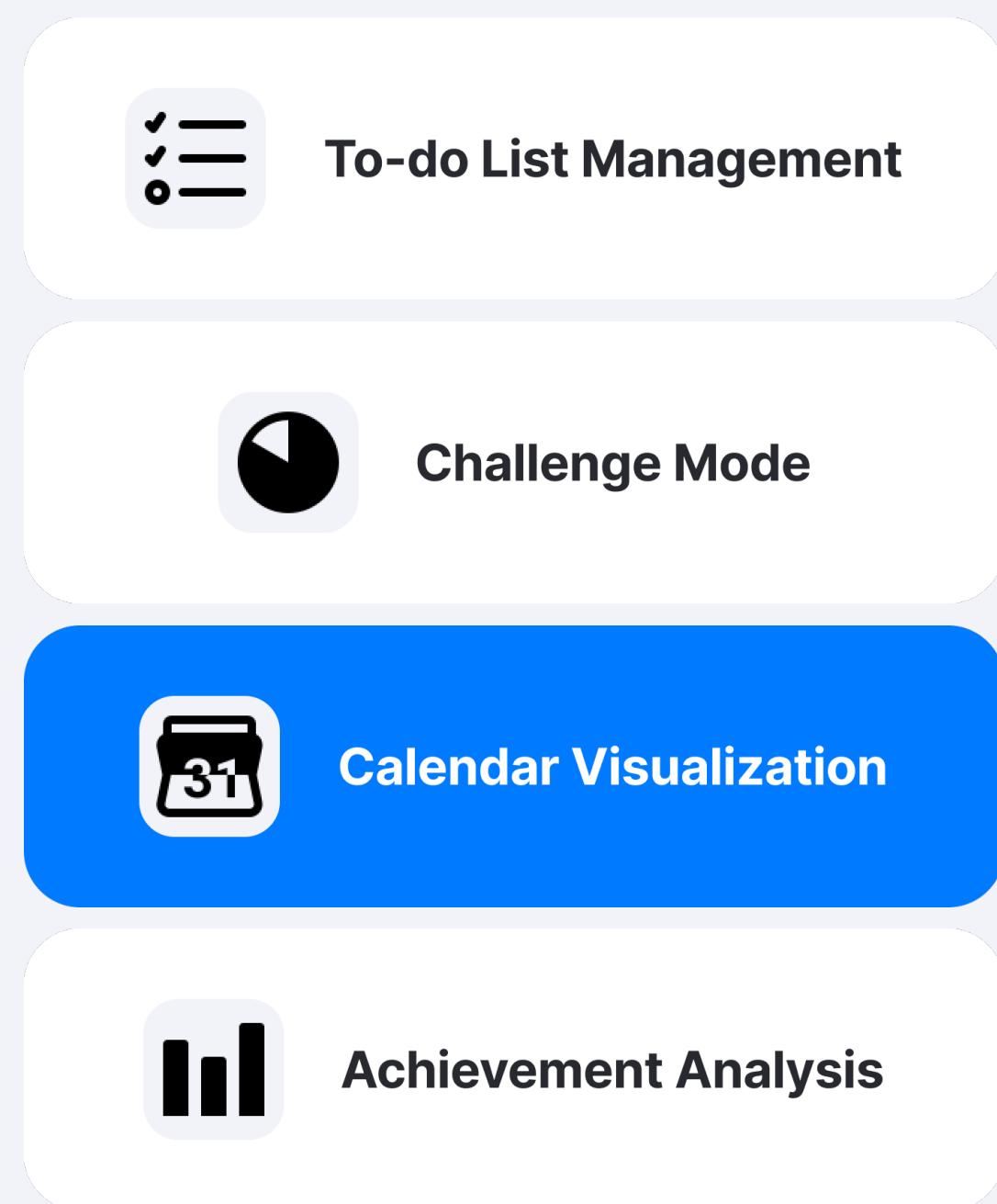
| Feature Name | Main Function | Detailed Functions |
|-----------------------|-----------------------|--|
| To-do List Management | Set and Track Goals | <ul style="list-style-type: none"> - Set daily, weekly, and monthly goals and save locally. |
| | | <ul style="list-style-type: none"> - Configure goal title, description, and completion deadline (yyyy-mm-dd). |
| | | <ul style="list-style-type: none"> - Set priorities (High, Medium, Low). |
| | Track Goal Completion | <ul style="list-style-type: none"> - Mark goals as completed with checkboxes. |
| | | <ul style="list-style-type: none"> - Record the date and time of completion and highlight it in green. |
| | | <ul style="list-style-type: none"> - Highlight overdue goals in red. |

Feature 2: Challenge Mode



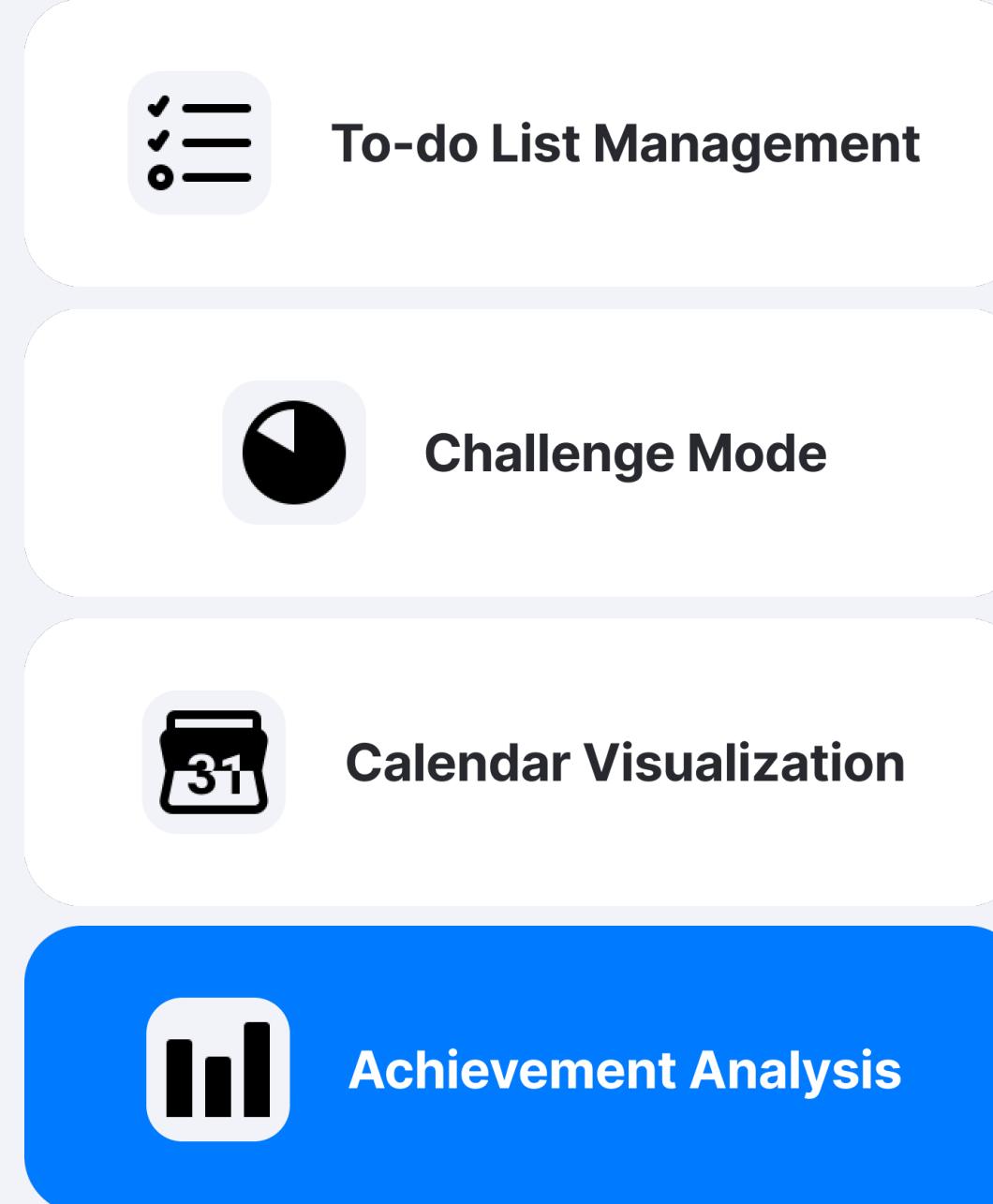
| Feature Name | Main Function | Detailed Functions | Description |
|--------------------------------|----------------------------------|--|--|
| Challenge Setup and Management | Manage 50-day/100-day Challenges | <ul style="list-style-type: none"> - Choose and manage 50-day or 100-day challenges. | Provides users with consistent motivation by visually displaying progress. |
| | | <ul style="list-style-type: none"> - Set challenge title, description, and start date (yyyy-mm-dd). | |
| Challenge Progress Tracking | Display Progress and Stages | <ul style="list-style-type: none"> - Show progress bar (%) or completion stages (e.g., 3/10). | Enables users to intuitively understand their goal achievement rate. |
| | | <ul style="list-style-type: none"> - Display elapsed days (d) and remaining days. | |
| | | <ul style="list-style-type: none"> - Provide options to pause or end challenges. | |

Feature 3: Calendar Visualization



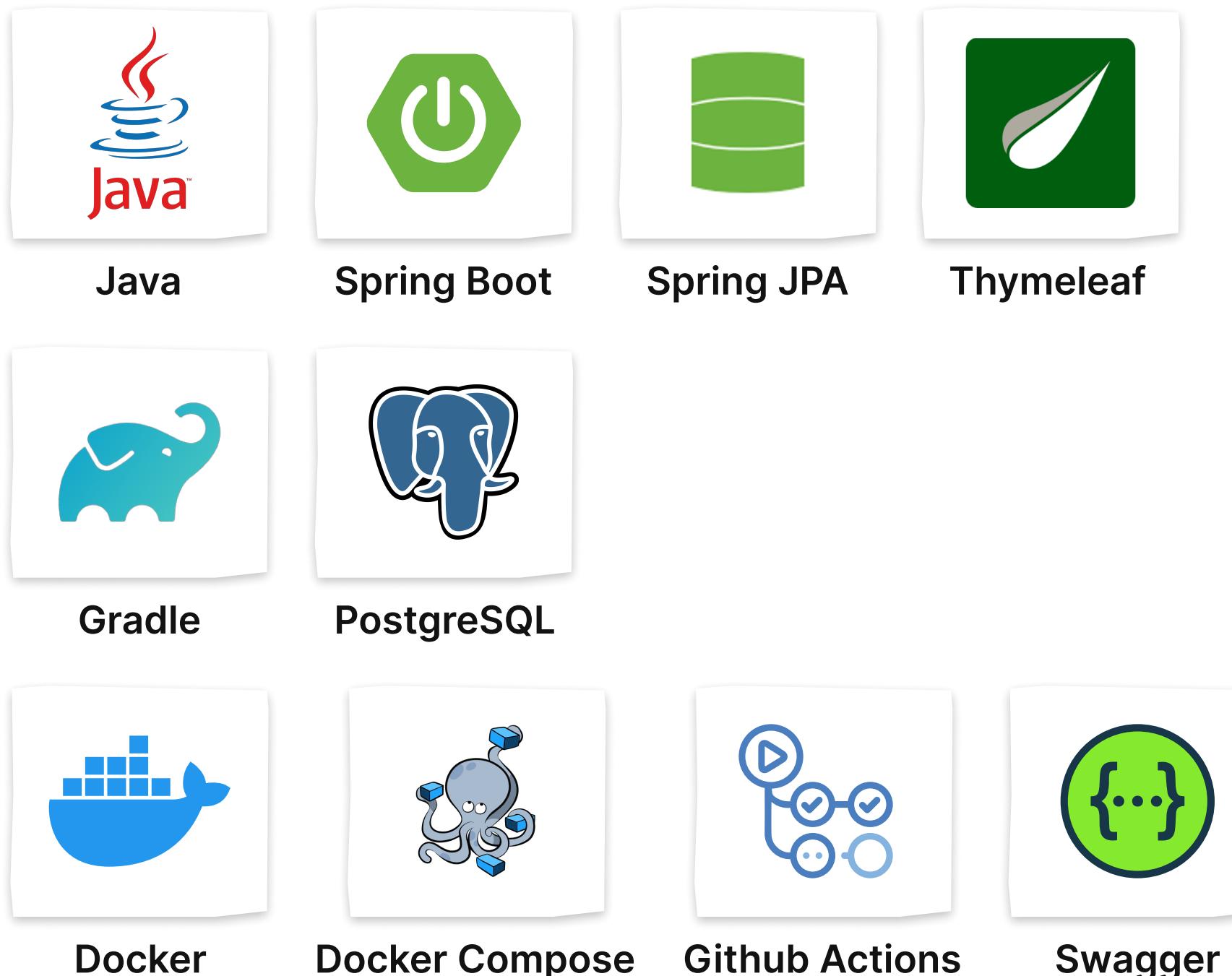
| Feature Name | Main Function | Detailed Functions | Description |
|------------------------------|----------------------------------|---|--|
| Record Goal Achievements | Save Goal Completion History | <ul style="list-style-type: none"> - Automatically save completed goals to the calendar. | Users can view their completion history on a weekly or monthly basis. |
| | | <ul style="list-style-type: none"> - Display with colors (Green=Completed, Red=Incomplete, Gray=Overdue) or icons (Check, X, Exclamation). | |
| Visualize Achievement Status | Provide Daily Completion Details | <ul style="list-style-type: none"> - Show goal completion status using colors or icons for each date. | Users can see their achievements at a glance for increased motivation. |
| | | <ul style="list-style-type: none"> - Click on a specific date to view a detailed goal list. | |

Feature 4: Achievement Analysis



| Feature Name | Main Function | Detailed Functions | Description |
|-------------------------------|-----------------------------|---|---|
| Analyze Goal Completion Rates | Calculate Goal Success Rate | - Display weekly/monthly goal completion rates using graphs. | Users can intuitively understand their goal achievement ratios. |
| | | - Calculate completion percentage as Completed Goals / Total Goals × 100% (rounded to 1 decimal). | |
| Identify Achievement Trends | Analyze Achievement Trends | - Compare achievement trends with previous months and display using graphs. | Helps users identify trends (growth/decline) and set new goals accordingly. |
| | | - Highlight trends with arrows (↑ / ↓). | |

Tech Stack planning to use in Time To-Do



Framework & Language

Java, Spring Boot, Spring JPA (Hibernate), Thymeleaf Engine

Build Tool

Gradle

Database

PostgreSQL

Infrastructure development environment

Docker, Docker Compose, GitHub Actions, Swagger

If deployment is decided, AWS and Amazon RDS will be used.

README.md

https://github.com/orieeasy1/OSS_Term_Project



README Code of conduct MIT license

Time to Do

Small achievements build up to create big changes.

About Time To-Do

Service Introduction

"Time To-Do" is a productivity tool designed to help users achieve their goals and form positive habits. It allows users to systematically manage their objectives and visualize their achievements, providing continuous motivation. Time To-Do helps users organize their goals, track progress, and visualize achievements in a way that fosters productivity and personal growth.

The direction our service pursues can be explained by the following 5 keywords: **Productivity Boost**, **Goal Visualization**, **Habit Building**, **Openness and Collaboration**, and **Achievement & Growth**.

Target Users

Ideal for students, professionals, and anyone looking to improve productivity.

Main Features

- ✓ **To-do List Management**
 - Set and Track Goals:**
 - Create daily, weekly, and monthly goals with title, description, and due date (yyyy-mm-dd).
 - Assign priority levels (High, Medium, Low).
 - Check Goal Completion:**
 - Mark goals as completed and track completion status with color indicators:
 - Green: Completed goals.
 - Red: Overdue goals.
 - Gray: Record completion date and time.
 - Challenge Feature**
 - 50-day and 100-day Challenges:**
 - Create and manage challenges with title, description, and start date (yyyy-mm-dd).
 - Visualize success rates to maintain motivation.
 - Track Progress:**
 - Display progress as a percentage bar (%) or milestone stages (e.g., 3/10).
 - Show elapsed days and remaining days.
 - Control Challenges:**
 - Pause or end challenges at any time.
 - Calendar Visualization**
 - Goal Achievement Records:**
 - Automatically save completed goals to the calendar.
 - Use colors or icons to display status:
 - Green: Completed.
 - Red: Uncompleted.
 - Gray: Overdue.
 - Visual Achievement Overview:**
 - Click on specific dates to view detailed goal lists and descriptions via pop-ups.
 - Achievement Rate Graphs**
 - Analyze Goal Completion Rates:**
 - Visualize weekly/monthly success rates with graphs.
 - Calculate completion rate: $(\text{Completed Goals} / \text{Total Goals}) \times 100\%$.
 - Track Trends:**
 - Compare progress with previous months.
 - Highlight trends with **up ↑** or **down ↓** icons.

Tech Stack

Language & Framework

JAVA SPRINGBOOT THYMELEAF GRADLE

Database

POSTGRESQL

Infra

DOCKER DOCKERCOMPOSE GITHUB ACTIONS SWAGGER

Collaborate

GIT GITHUB NOTION

Collaborators

| | | | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | | | | |
| Jiwon | Hajin | Minji | Seoha | Sodam | Yeeun |

Contributing

We welcome contributions to improve Time To-Do! Please refer to our [Contribution Guidelines](#) for more information.

License

By contributing to this project, you agree that your contributions will be licensed under the project's [License](#).

Contact

If you have any questions, feel free to open an issue or contact us at easy1nhard2@gmail.com.

CONTRIBUTING.md

https://github.com/orieeasy1/OSS_Term_Project



Contributing to the Time To-Do Project

"Time To-Do" is a productivity tool designed to help users achieve their goals and form positive habits. It allows users to systematically manage their objectives and visualize their achievements, providing continuous motivation. Features like Challenge Mode, Calendar Integration, and Achievement Graphs allow users to track their accomplished goals immediately easily. This goes beyond simple task management to offer the joy of accomplishment and growth.

Thank you for considering contributing to our project! We value your time and effort. Please follow these guidelines to ensure a smooth and effective contribution process.

How to Report Issues

- Go to the [Issues](#) tab in the repository.
- Click on "New Issue" and select the appropriate template. There is three template.
 - Bug Report
 - Feature Request
 - Refactoring
- Provide a clear and concise title and description for your issue.
- Attach screenshots or code snippets if applicable.
- Click on "Submit new issue" to create the issue.

How to Submit a Pull Request

1. Fork the repository.
2. Clone your forked repository to your local machine.
3. Create a new branch for your changes:

```
git checkout -b feature/your-feature-name
```

Commit Message and PR Title Guidelines

- Use the format: <Type>: <Short Description>
 - **Type**: Feat, Fix, Refactor, Docs, etc.
 - Example: `Feat: Add user authentication feature`
- Keep the title concise and to the point.
- Do not use punctuation (e.g., !, ., ?) at the end of the title.
- You can check the type at [.gitmessage](#) file.

Testing

- Before submitting a Pull Request, make sure to test your changes.
 - Unit tests are written using **JUnit 5** and are located in the `src/test/java` directory.
- Run the tests to ensure that your changes do not break the existing code.
- If you have added new features, write tests for them.
- Make sure that all tests pass before submitting your Pull Request.
- Please write about test that you have done in the Pull Request description.

License

By contributing to this project, you agree that your contributions will be licensed under the project's [MIT LICENSE](#).

Need Help?

If you have any questions, feel free to open an issue or contact us at easy1nhard2@gmail.com.

5. Push your changes to your forked repository:

```
git push origin feature/your-feature-name
```

6. Open a Pull Request in the original repository.

7. Provide a clear and concise title and description for your Pull Request.

CONTRIBUTING.md

https://github.com/orieeasy1/OSS_Term_Project



Three Issue Template

| name | about | title | labels | assignees |
|------------|------------------------------------|---------|--------|-----------|
| Bug report | Create a report to help us improve | 🐞 [Bug] | | |

🚨 Issue Checklist

- Issue Title: [BUG] 'Detailed bug description'
- Add Assignees and Labels.

🐛 Bug Overview

- This bug has occurred.

🐞 Detailed Bug Description

- This causes the following issues:
- Steps to reproduce the bug:
- The problem seems to occur in this file or code section.

✅ TODO

- To fix this, we need to do the following:
- Also, this task might be required.

Bug Report

| name | about | title | labels | assignees |
|-----------------|----------------------------------|-------------|--------|-----------|
| Feature request | Suggest an idea for this project | 💡 [Feature] | | |

🌟 Issue Checklist

- Issue Title: [Feature] 'Detailed feature description'
- Add Assignees and Labels.

📄 Feature Overview

- A brief summary of the feature to be added.

📝 Detailed Feature Description

- Write detailed implementation information related to the feature.

✓ TODO

- To implement this, we need to do the following:
- This might also need to be addressed.

📍 References

Feature Request

| name | about | title | labels | assignees |
|----------------------|--------------------------------|---------------|--------|-----------|
| Refactoring template | Refactor a part of the project | ♻️ [Refactor] | | |

♻️ Issue Checklist

- Issue Title: [Refactor] 'Detailed description of refactoring'
- Add Assignees and Labels.

📄 Refactoring Overview

- A brief summary of the refactoring content.

📝 Detailed Refactoring Description

- Write detailed information related to the refactoring process.

✓ TODO

- To complete this, we need to do the following:
- This might also need to be considered.

📍 References

Refactoring Template

CONTRIBUTING.md



https://github.com/orieeasy1/OSS_Term_Project

✓ Pull Request Checklist

- PR Title: [Feature/Fix/Refactor...] Brief summary of the work (branch name) #IssueNumber
- Verify that the commit messages are appropriate.
- Confirm that the request is made to the correct branch.
- Add Assignees and Labels.
- If there is someone who needs to review specific details, add them as a Reviewer.
- After the PR is approved, delete the branch.

Changes

This PR does the following:

- Did this!
- Also did that!

💡 Reason for Changes

- These changes were made for the following reasons!

closes: #IssueNumber

💻 Test Checklist

- Performed these tests!

📌 Additional Changes or Important Notes

[Feature] Create readme and Contributing #1

Merged orieeasy1 merged 3 commits into master from feature/create_readme_contributing 5 hours ago

Conversation 0 Commits 3 Checks 0 Files changed 7



orieeasy1 commented 5 hours ago

Owner ...

✓ 풀_리퀘스트 체크리스트

- PR 제목: [Feature/Fix/Refactor..] 작업 내용 한 줄 요약 (브랜치 이름) #이슈번호
- commit message 가 적절한지 확인해주세요.
- 적절한 branch 로 요청했는지 확인해주세요.
- Assignees, Label 을 붙여주세요.
- 주의 사항과 관련해 꼭 확인해야 할 사람이 있다면 Reviewer 로 등록해주세요.
- PR이 승인된 경우 해당 브랜치는 삭제해 주세요!

💡 변경 사항

- add issue and pr template
- add contributing.md
- add readme file



orieeasy1 added 3 commits 6 hours ago

516cf3f

Refactor: Change Template into English

d9e62e1

Feat: add Contributing File

7c18528

refactor: Modify ReadMe

LICENSE

https://github.com/orieeasy1/OSS_Term_Project



| | | | |
|--|---|---|---|
| orieeasy1/OSS_Term_Project is licensed under the MIT License | Permissions ✓ Commercial use ✓ Modification ✓ Distribution ✓ Private use | Limitations ✗ Liability ✗ Warranty | Conditions ⓘ License and copyright notice |
| This is not legal advice. Learn more about repository licenses | | | |

| | | |
|----------------------------|------------------------|-------------------------|
| callmeminji Create LICENSE | 90f9214 · 18 hours ago | History |
|----------------------------|------------------------|-------------------------|

Code Blame 21 lines (17 loc) · 1.04 KB

```
1 MIT License
2
3 Copyright (c) 2024 easy1nhard2
4
5 Permission is hereby granted, free of charge, to any person obtaining a copy
6 of this software and associated documentation files (the "Software"), to deal
7 in the Software without restriction, including without limitation the rights
8 to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
9 copies of the Software, and to permit persons to whom the Software is
10 furnished to do so, subject to the following conditions:
11
12 The above copyright notice and this permission notice shall be included in all
13 copies or substantial portions of the Software.
14
15 THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
16 IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
17 FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
18 AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
19 LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
20 OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
21 SOFTWARE.
```

CODE_OF_CONDUCT.md

https://github.com/orieeasy1/OSS_Term_Project



README Code of conduct MIT license

Code of Conduct

Our Pledge

We, as contributors and maintainers of the **Time To-DO**, pledge to make participation in our project a harassment-free experience for everyone. We are committed to ensuring an inclusive and respectful environment regardless of age, body size, disability, ethnicity, gender identity and expression, experience level, nationality, personal appearance, race, religion, or sexual identity and orientation.

Our Standards

Examples of behavior that contributes to a positive environment include:

- Being respectful and considerate in communication.
- Providing constructive feedback to enhance collaboration.
- Showing empathy towards other contributors.

Examples of unacceptable behavior include:

- Using derogatory or discriminatory language.
- Harassment or personal attacks in any form.
- Publishing private information, such as email addresses, without explicit permission.
- Intentionally disrupting the collaborative environment with off-topic comments or unproductive arguments.

Reporting Issues

Instances of abusive, harassing, or otherwise unacceptable behavior may be reported by contacting the project team at minjih1009@seoutech.ac.kr. All complaints will be reviewed and investigated promptly and fairly.

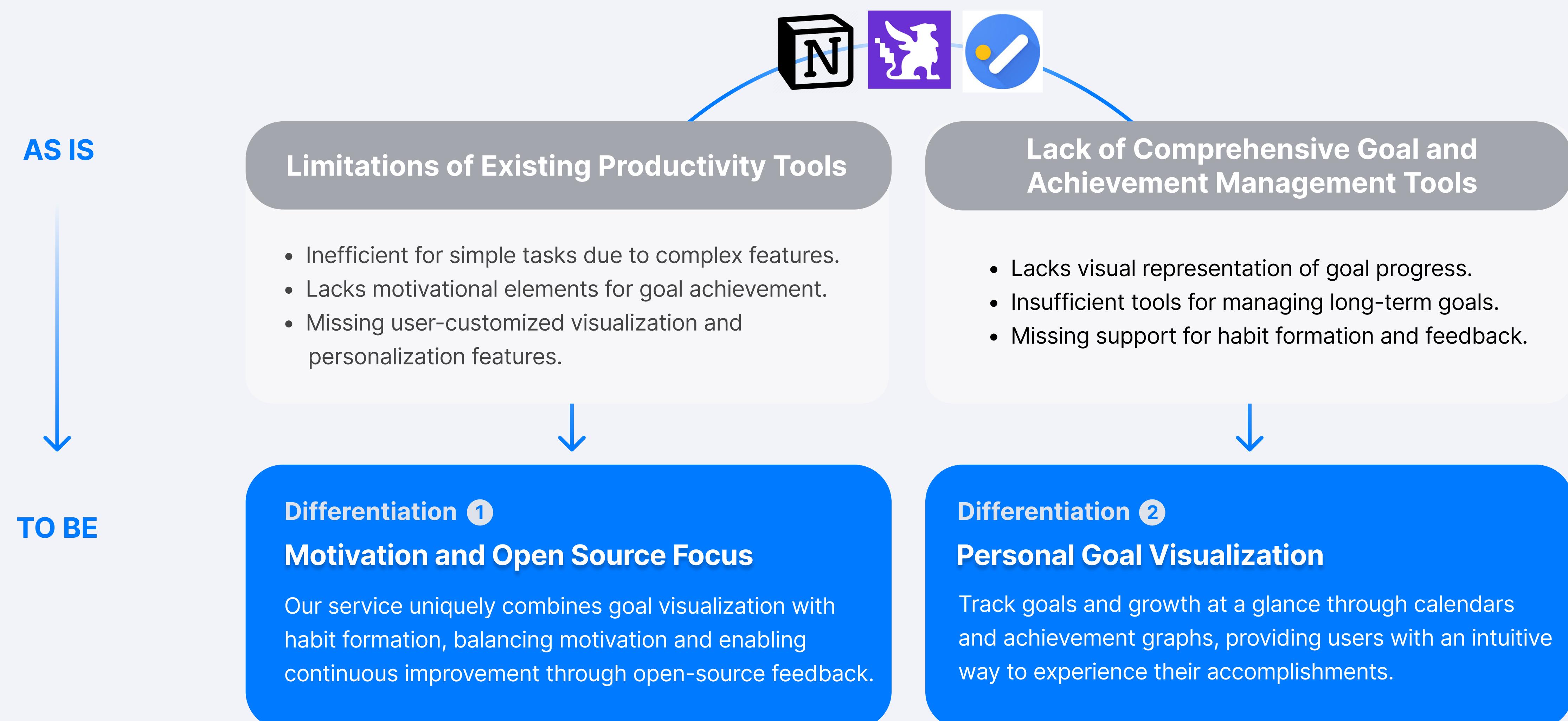
Enforcement

Project maintainers are responsible for clarifying the standards of acceptable behavior and are expected to take appropriate and fair corrective action in response to any instances of unacceptable behavior. Maintainers have the right to remove, edit, or reject contributions that are not aligned with this Code of Conduct, or to temporarily or permanently ban any contributor for other behaviors deemed inappropriate.

Attribution

This Code of Conduct is adapted from the [Contributor Covenant](https://www.contributor-covenant.org/version/2/1/code_of_conduct.html), version 2.1, available at https://www.contributor-covenant.org/version/2/1/code_of_conduct.html.

Analysis of Similar Services and Differentiation



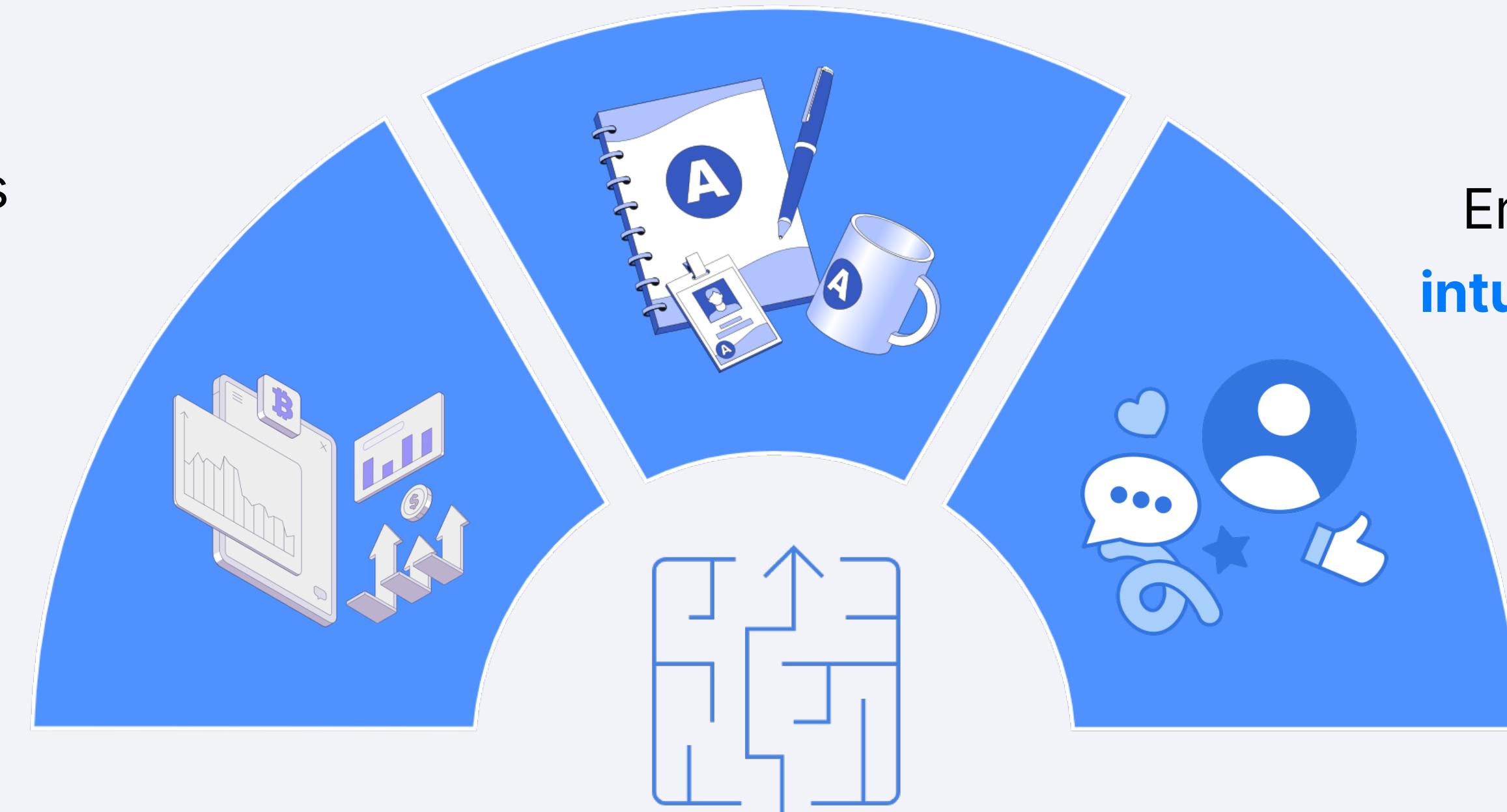
Market Analysis

Competitor Analysis

Focuses on the need for **differentiation** and **unique features** to gain a **competitive edge**

Market Trends

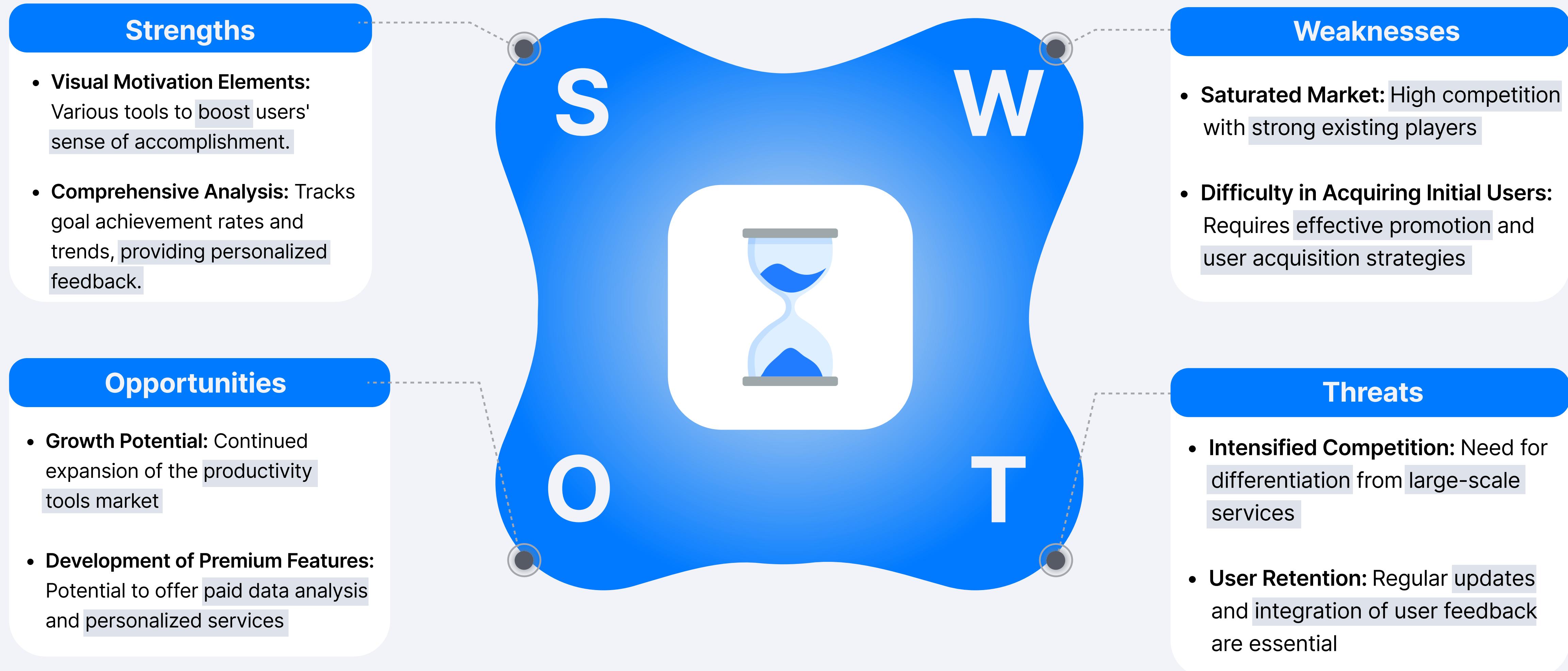
Highlights the shift towards **productivity tools** and **personalized experiences** post-pandemic



User Needs

Emphasizes the demand for **visual**, **intuitive tools** that provide **motivation** and **achievement data**

SWOT Analysis



Commercial Use and Revenue Structure

1

Advertisement



2

Sell Data



THE END

Thank You

