

Django Series

Must Learn These Packages In Django

2024

#pythonw



Django Rest Framework

Django REST framework is a powerful and flexible toolkit for building Web APIs.



django-rest-framework Public

Fork 6.9k Starred 27.1k

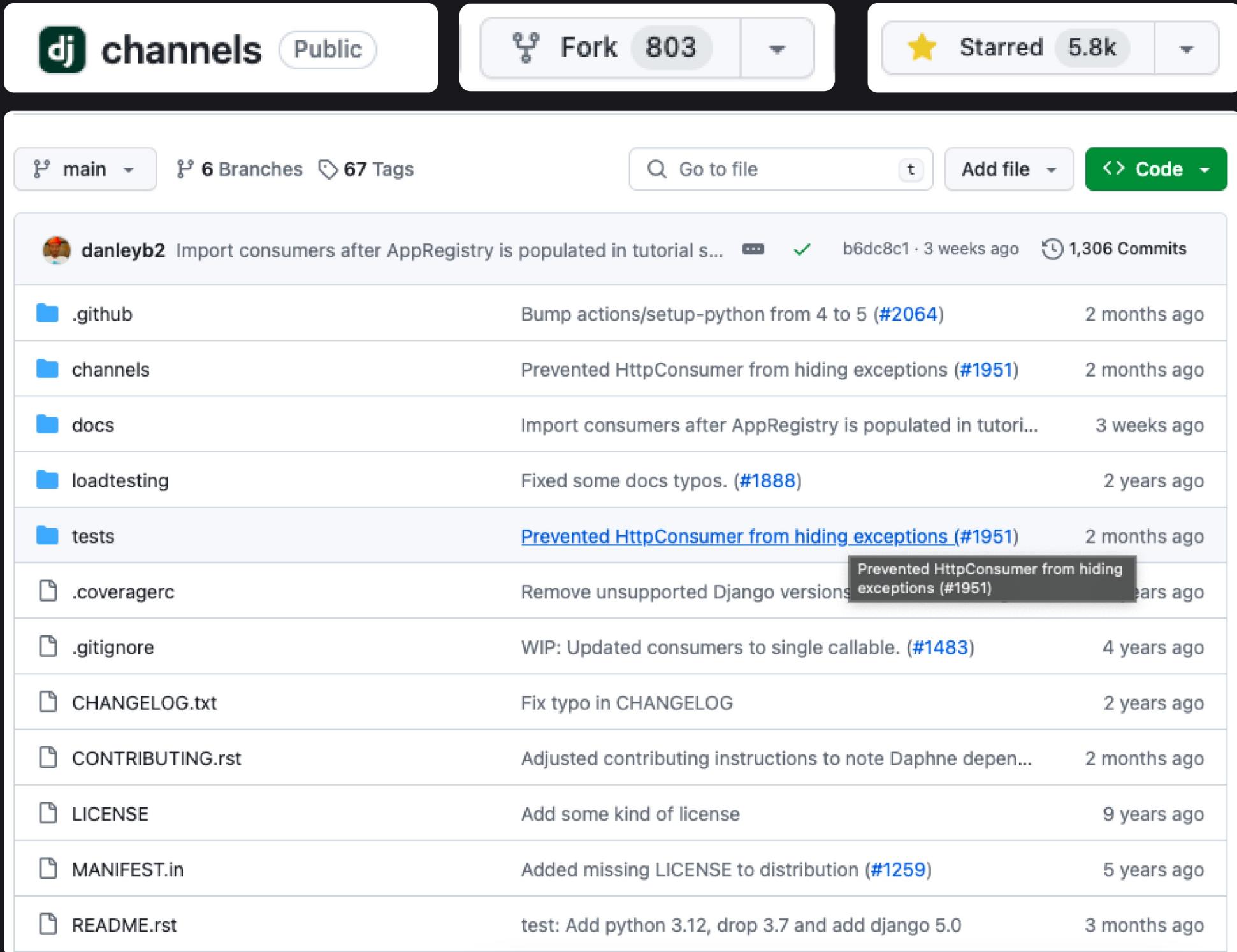
master 19 Branches 129 Tags

Go to file Add file Code

File / Commit	Description	Author	Date
.github	Updated Checkout action version & Ubuntu OS version (#...)	iamkorniichuk	5 months ago
.tx	restore the transifex configuration		4 years ago
docs	Remove read_only deprecated behaviour from document...		3 days ago
docs_theme	Update references to Travis CI after moving to Github Acti...		3 years ago
licenses	Prefer https protocol for links in docs when available		7 years ago
requirements	Update requirements-optionals.txt (#9181) Prefer https protocol for links in docs when ava...		2 months ago
rest_framework	Avoid unnecessary unique together checking (#9154)		last week
tests	Avoid unnecessary unique together checking (#9154)		last week
.gitignore	Update references to Travis CI after moving to Github Acti...		3 years ago
.pre-commit-config.yaml	pre-commit autoupdate (#9232)		last week
CONTRIBUTING.md	Update CONTRIBUTING.md (#9095)		6 months ago

Django Channels

Django Channels is a powerful package to handle WebSockets, chat protocols, IoT protocols,



The screenshot shows the GitHub repository page for `dj channels`. At the top, there are three cards: a green `Public` button, a `Fork 803` button, and a `Starred 5.8k` button. Below these are navigation links for `main`, `6 Branches`, and `67 Tags`. A search bar and a `Code` button are also present. The main area displays a list of commits from the `main` branch, ordered by date. Each commit includes the author's profile picture, their name, a brief description of the changes, a green checkmark icon, the commit hash, the time since the commit, and the number of commits. A tooltip for a commit in the `tests` folder is shown, highlighting the fix for `Prevented HttpConsumer from hiding exceptions (#1951)`.

Author	Commit Message	Hash	Date	Commits
	Import consumers after AppRegistry is populated in tutorial s...	b6dc8c1	3 weeks ago	1,306 Commits
	Bump actions/setup-python from 4 to 5 (#2064)		2 months ago	
	Prevented HttpConsumer from hiding exceptions (#1951)		2 months ago	
	Import consumers after AppRegistry is populated in tutori...		3 weeks ago	
	Fixed some docs typos. (#1888)		2 years ago	
	Prevented HttpConsumer from hiding exceptions (#1951)		2 months ago	
	Remove unsupported Django versions		years ago	
	WIP: Updated consumers to single callable. (#1483)		4 years ago	
	Fix typo in CHANGELOG		2 years ago	
	Adjusted contributing instructions to note Daphne depen...		2 months ago	
	Add some kind of license		9 years ago	
	Added missing LICENSE to distribution (#1259)		5 years ago	
	test: Add python 3.12, drop 3.7 and add django 5.0		3 months ago	

Django Celery

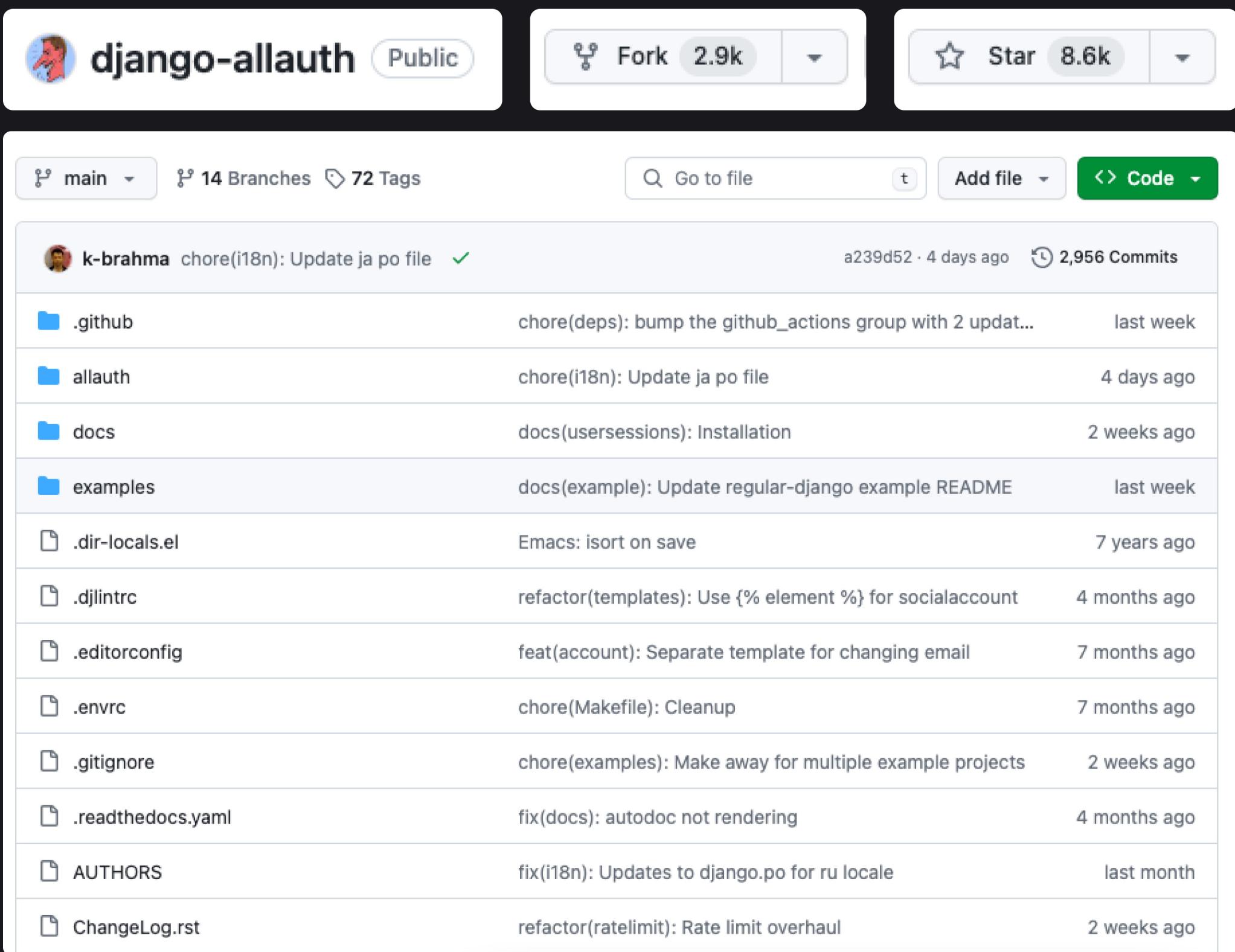
Celery is a task queue that helps manage
and execute background tasks in a
distributed environment.

The screenshot shows the GitHub repository page for the 'celery' project. At the top, there's a dark header with the repository name 'celery' in white, a 'Public' button, and social sharing icons for Fork (4.6k) and Star (23k). Below the header, there are navigation links for 'main' (selected), '66 Branches', '238 Tags', and search/filter options like 'Go to file', 'Add file', and 'Code'. The main content area displays a list of recent commits from the 'main' branch:

Commit	Message	Time Ago
Nusnus	Docfix: pip install celery[sqs] -> pip install "celery[sqs]" (#8829)	yesterday
.github	chore(ci): Enhance CI with workflow_dispatch for targete...	2 days ago
celery	Add a Task class specialised for Django (#8491)	3 days ago
docker	Added make docker-docs (#8729)	2 months ago
docs	Docfix: pip install celery[sqs] -> pip install "celery[sqs]" (...)	yesterday
examples	Add a Task class specialised for Django (#8491)	3 days ago
extra	typo in comment: mailicious => malicious	last year
requirements	Update cryptography from 42.0.1 to 42.0.2 (#8827)	2 days ago
t	Add a Task class specialised for Django (#8491)	3 days ago
.bumpversion.cfg	Bump version: 5.3.6 → 5.4.0rc1	2 weeks ago
.codespellrc	Fix few typos, provide configuration + workflow for codes...	last year
.dockerignore	Update Dockerfile.	6 years ago
.editorconfig	Set max_line_length in .editorconfig to match flake8 confi...	2 years ago

django-allauth

It helps to integrate different social third parties authentication in our django application.



The screenshot shows the GitHub repository page for 'django-allauth'. At the top, there's a header with the repository name 'django-allauth' (public), a 'Fork' button (2.9k forks), and a 'Star' button (8.6k stars). Below the header, the main branch dropdown shows 'main' selected, along with '14 Branches' and '72 Tags'. The commit history table lists 2,956 commits from various authors, including 'k-brahma' and others, with commit messages like 'chore(i18n): Update ja.po file' and 'chore(deps): bump the github_actions group with 2 updat...'. The commits are timestamped from '4 days ago' to '7 years ago'.

Author	Commit Message	Time Ago
k-brahma	chore(i18n): Update ja.po file	4 days ago
	chore(deps): bump the github_actions group with 2 updat...	last week
	chore(i18n): Update ja.po file	4 days ago
	docs(usersessions): Installation	2 weeks ago
	docs(example): Update regular-django example README	last week
	Emacs: isort on save	7 years ago
	refactor(templates): Use {%- element %} for socialaccount	4 months ago
	feat(account): Separate template for changing email	7 months ago
	chore(Makefile): Cleanup	7 months ago
	chore(examples): Make away for multiple example projects	2 weeks ago
	fix(docs): autodoc not rendering	4 months ago
	fix(i18n): Updates to django.po for ru locale	last month
	refactor(ratelim): Rate limit overhaul	2 weeks ago

django-cors-headers

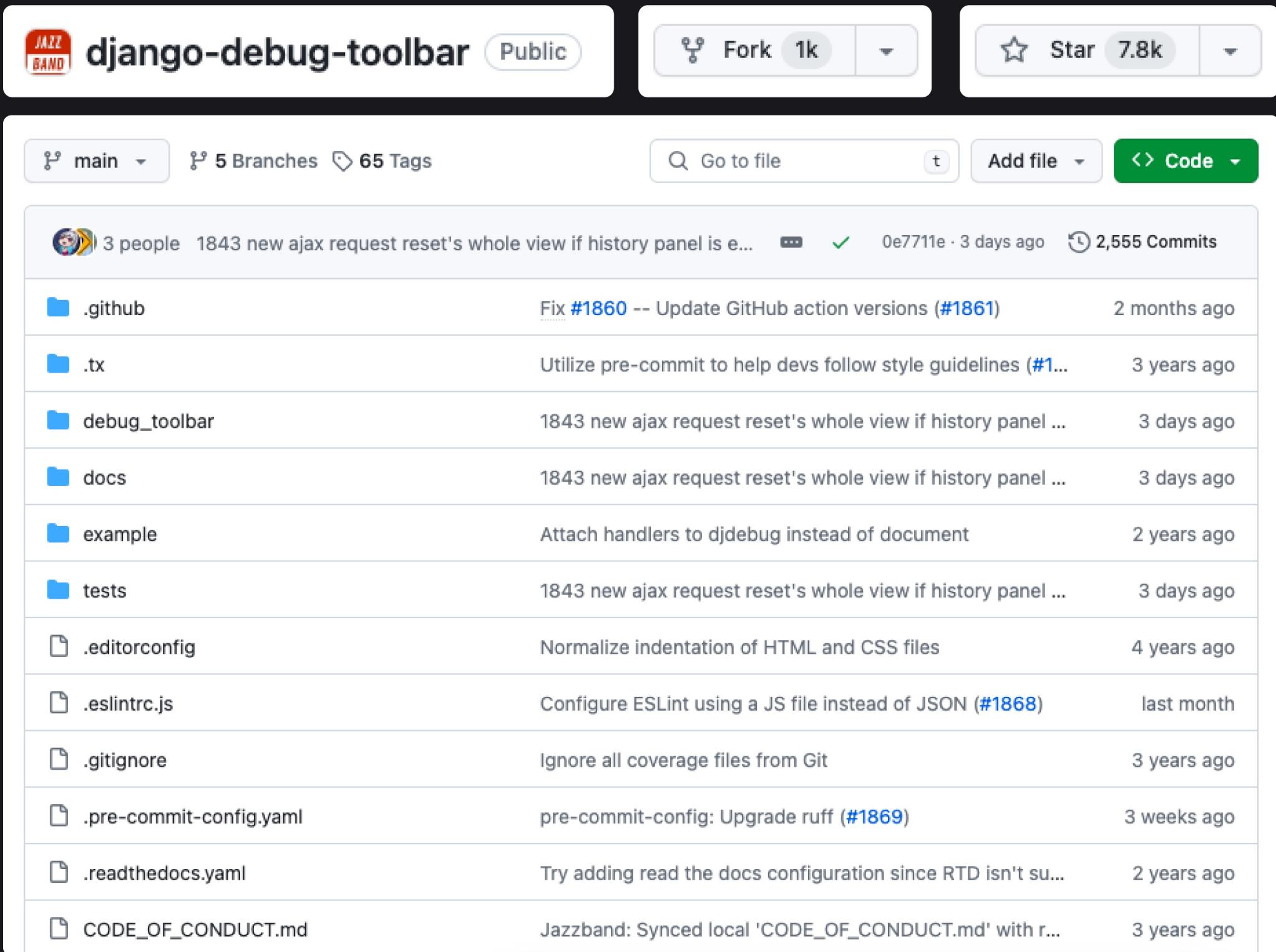
It handling the server headers
required for Cross-Origin Resource
Sharing (CORS)

The screenshot shows the GitHub repository page for `django-cors-headers`. The repository is public, has 539 forks, and 5.2k stars. The commit history is displayed, showing 782 commits from pre-commit-ci[bot]. The commits are listed in reverse chronological order, with the most recent being a pre-commit autoupdate. The commits涉及文件包括 .github, requirements, src/corsheaders, tests, .editorconfig, .gitignore, .pre-commit-config.yaml, CHANGELOG.rst, HISTORY.rst, LICENSE, MANIFEST.in 和 README.rst。

File	Commit Message	Date
.github	Bump actions/setup-python from 4 to 5 (#916)	2 months ago
requirements	Upgrade requirements (#927)	last week
src/corsheaders	Fix ASGI compatibility on Python 3.12 (#911)	3 months ago
tests	Ensure allow credentials header is not emitted for disallow...	4 months ago
.editorconfig	Update editorconfig	3 years ago
.gitignore	Minimize .gitignore	last year
.pre-commit-config.yaml	[pre-commit.ci] pre-commit autoupdate (#928)	2 days ago
CHANGELOG.rst	Version 4.3.1	3 months ago
HISTORY.rst	Rename HISTORY.rst to CHANGELOG.rst	last year
LICENSE	Only mention earliest year in LICENSE copyright file	2 years ago
MANIFEST.in	Exclude tests from sdist	7 months ago
README.rst	Update README book banner	4 months ago

django-debug-toolbar

It basically provides set of panels that display various debug information about the current request/response.



The screenshot shows the GitHub repository page for 'django-debug-toolbar'. At the top, there's a red 'JAZZ BAND' logo, the repository name 'django-debug-toolbar' (marked as 'Public'), a 'Fork' button (1k forks), and a 'Star' button (7.8k stars). Below the header, there are navigation links for 'main' (selected), '5 Branches', '65 Tags', and search/filter options ('Go to file', 'Add file', 'Code'). The main area displays a list of 2,555 commits. Each commit includes a small icon, the author's profile picture, the number of people involved, a brief description, the commit hash, the date it was made, and the total number of commits. Some commits are grouped under specific files like '.github', '.tx', 'debug_toolbar', 'docs', 'example', 'tests', '.editorconfig', '.eslintrc.js', '.gitignore', '.pre-commit-config.yaml', '.readthedocs.yaml', and 'CODE_OF_CONDUCT.md'.

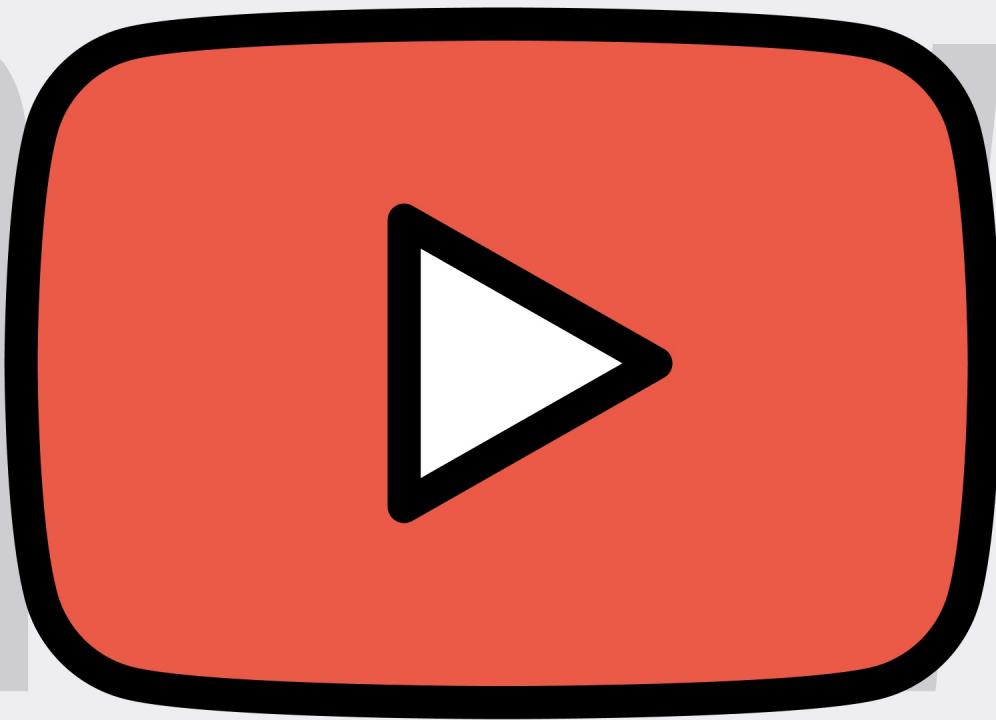
File / Commit Type	Description	Date	Commits	
Commits	3 people 1843 new ajax request reset's whole view if history panel is e...	3 days ago	2,555 Commits	
	.github	Fix #1860 -- Update GitHub action versions (#1861)	2 months ago	
	.tx	Utilize pre-commit to help devs follow style guidelines (#1...	3 years ago	
	debug_toolbar	1843 new ajax request reset's whole view if history panel ...	3 days ago	
	docs	1843 new ajax request reset's whole view if history panel ...	3 days ago	
	example	Attach handlers to djdebug instead of document	2 years ago	
	tests	1843 new ajax request reset's whole view if history panel ...	3 days ago	
	.editorconfig	Normalize indentation of HTML and CSS files	4 years ago	
	.eslintrc.js	Configure ESLint using a JS file instead of JSON (#1868)	last month	
	.gitignore	Ignore all coverage files from Git	3 years ago	
	.pre-commit-config.yaml	pre-commit-config: Upgrade ruff (#1869)	3 weeks ago	
	.readthedocs.yaml	Try adding read the docs configuration since RTD isn't su...	2 years ago	
	CODE_OF_CONDUCT.md	Jazzband: Synced local 'CODE_OF_CONDUCT.md' with r...	3 years ago	

**These are the most important
packages, that you should must
know in 2024 in django**

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on this on comment section**

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