








































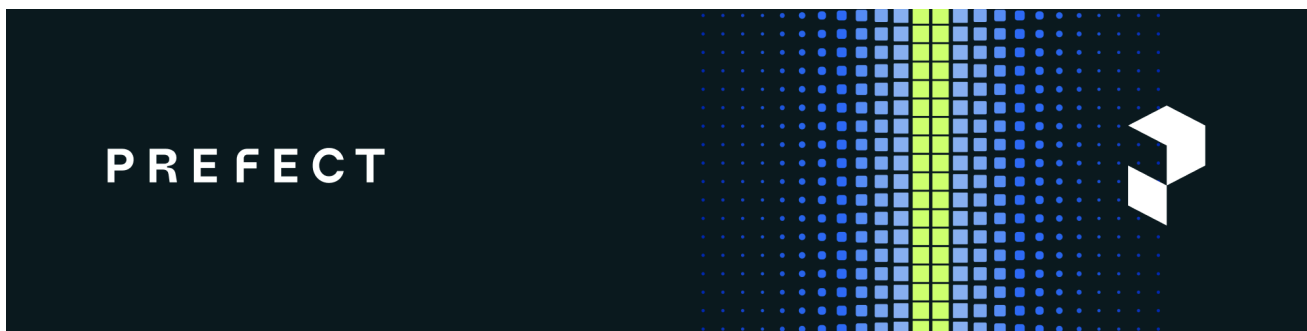







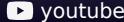
| | | | |
|---|---|---|---|
|  github-actions[bot] docs: document GitRepository file-locking invariant in ... | 07c8084 · 38 minutes ago |  |   |
|  .claude | docs: raise quality bar for auto... | | 3 days ago |
|  .github | Add per-browser UI version sw... | | 6 hours ago |
|  benches | perf(server): eliminate O(N ²) c... | | 3 hours ago |
|  client | chore(deps): bump the python... | | 3 days ago |
|  compat-tests @ 3c5ec01 | Add additional websocket deb... | | last year |
|  docs | Add dbt Cloud asset materializ... | | 5 hours ago |
|  examples | docs(prefect-dbt): reorganize p... | | 2 weeks ago |
|  integration-tests | docs: add AGENTS.md for inte... | | 2 weeks ago |
|  load_testing | Fix script to run server with loc... | | last year |
|  plans | Add opt-in BuildKit/buildx supp... | | 2 months ago |
|  schemas | Add per-browser UI version sw... | | 6 hours ago |
|  scripts | chore(deps): bump uv from 0.9... | | 3 weeks ago |
|  src | docs: document GitRepository ... | | 38 minutes ago |
|  tests | Fix race condition in GitRepos... | | 1 hour ago |
|  tools | Add SDK instrumentation mod... | | 4 months ago |
|  ui-v2 | Render mermaid.js diagrams i... | | 39 minutes ago |
|  ui | Add per-browser UI version sw... | | 6 hours ago |
|  .dockerignore | Add per-browser UI version sw... | | 6 hours ago |
|  .gitignore | Add per-browser UI version sw... | | 6 hours ago |

| | | |
|---|------------------------------------|--------------|
|  .gitmodules | Run compat - tests as part of ... | 2 years ago |
|  .nvmrc | chore(deps-dev): bump the esl... | 3 months ago |
|  .pre-commit-config.yaml | chore(deps): bump the python... | 3 days ago |
|  .prefectignore | Removes experimental status ... | 3 years ago |
|  AGENTS.md | Document uv run --project for l... | 2 weeks ago |
|  CODE_OF_CONDUCT.... | copy CODE_OF_CONDUCT.md to r... | 2 years ago |
|  Dockerfile | Add per-browser UI version sw... | 6 hours ago |
|  Dockerfile.sqlite-builder | perf(docker): replace inline SQ... | 3 months ago |
|  LICENSE | Update license to apache | 4 years ago |
|  README.md | add bsky link to readme (#204... | 4 months ago |
|  SECURITY.md | Updates the contact info for ou... | 2 years ago |
|  hatch_build.py | Add per-browser UI version sw... | 6 hours ago |
|  justfile | Add just unreleased-integr... | 2 months ago |
|  pyproject.toml | Add per-browser UI version sw... | 6 hours ago |
|  uv.lock | chore(deps): bump the uv-dep... | 3 days ago |

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 **v3.6.29**
 **12M/month**
 **22k**
 **236/month**

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Prefect

Prefect is a workflow orchestration framework for building data pipelines in Python. It's the simplest way to elevate a script into a production workflow. With Prefect, you can build resilient, dynamic data pipelines that react to the world around them and recover from unexpected changes.

With just a few lines of code, data teams can confidently automate any data process with features such as scheduling, caching, retries, and event-based automations.

Workflow activity is tracked and can be monitored with a self-hosted [Prefect server](#) instance or managed [Prefect Cloud](#) dashboard.

💡 Tip

Prefect flows can handle retries, dependencies, and even complex branching logic

[Check our docs](#) or see the example below to learn more!

Getting started

Prefect requires Python 3.10+. To [install the latest version of Prefect](#), run one of the following commands:

```
pip install -U prefect
```



```
uv add prefect
```



Then create and run a Python file that uses Prefect `flow` and `task` decorators to orchestrate and observe your workflow - in this case, a simple script that fetches the number of GitHub stars from a repository:

```
from prefect import flow, task
import httpx

@task(log_prints=True)
def get_stars(repo: str):
    url = f"https://api.github.com/repos/{repo}"
    count = httpx.get(url).json()["stargazers_count"]
    print(f"{repo} has {count} stars!")

@flow(name="GitHub Stars")
```



```
def github_stars(repos: list[str]):  
    for repo in repos:  
        get_stars(repo)  
  
# run the flow!  
if __name__ == "__main__":  
    github_stars(["PrefectHQ/prefect"])
```

Fire up a Prefect server and open the UI at <http://localhost:4200> to see what happened:

```
prefect server start
```



To run your workflow on a schedule, turn it into a deployment and schedule it to run every minute by changing the last line of your script to the following:

```
if __name__ == "__main__":  
    github_stars.serve(  
        name="first-deployment",  
        cron="* * * * *",  
        parameters={"repos": ["PrefectHQ/prefect"]}  
    )
```



You now have a process running locally that is looking for scheduled deployments! Additionally you can run your workflow manually from the UI or CLI. You can even run deployments in response to [events](#).

Tip

Where to go next - check out our [documentation](#) to learn more about:

- [Deploying flows to production environments](#)
- [Adding error handling and retries](#)
- [Integrating with your existing tools](#)
- [Setting up team collaboration features](#)

Prefect Cloud

Prefect Cloud provides workflow orchestration for the modern data enterprise. By automating over 200 million data tasks monthly, Prefect empowers diverse organizations — from Fortune 50 leaders such as Progressive Insurance to innovative disruptors such as Cash App — to increase engineering productivity, reduce pipeline errors, and cut data workflow compute costs.

Read more about Prefect Cloud [here](#) or sign up to [try it for yourself](#).






prefect-client

If your use case is geared towards communicating with Prefect Cloud or a remote Prefect server, check out our [prefect-client](#). It is a lighter-weight option for accessing client-side functionality in the Prefect SDK and is ideal for use in ephemeral execution environments.





Connect & Contribute

Join a thriving community of over 25,000 practitioners who solve data challenges with Prefect. Prefect's community is built on collaboration, technical innovation, and continuous improvement.

Community Resources

-  [Explore the Documentation](#) - Comprehensive guides and API references
-  [Join the Slack Community](#) - Connect with thousands of practitioners
-  [Contribute to Prefect](#) - Help shape the future of the project
-  [Support or create a new Prefect integration](#) - Extend Prefect's capabilities
-  [Tail the Dev Log](#) - Prefect's open source development blog

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Your contributions, questions, and ideas make Prefect better every day. Whether you're reporting bugs, suggesting features, or improving documentation, your input is invaluable to the Prefect community.

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 **3.6.29 - ON CONFLICT DO BETTER** Latest
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Packages

No packages published

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Languages

