GitHub GraphQL API documentation

To create integrations, retrieve data, and automate your workflows, use the GitHub GraphQL API. The GitHub GraphQL API offers more precise and flexible queries than the GitHub REST API.

Overview

Start here

View all →

Forming calls with GraphQL

Learn how to authenticate to the GraphQL API, then learn how to create and run queries and mutations.

Introduction to GraphQL

Learn useful terminology and concepts for using the GitHub GraphQL API.

Using the Explorer

You can run queries on real GitHub data using the GraphQL Explorer, an integrated development environment in your browser that includes docs, syntax highlighting, and validation errors.

Popular

Explorer

Public schema

Download the public schema for the GitHub GraphQL API.

Schema previews

You can preview upcoming features and changes to the GitHub GraphQL schema before they are added to the GitHub GraphQL API.

Using the GraphQL API for Discussions

Learn how to use the GitHub Discussions GraphQL API.

What's new

View all →

Additional repository metrics available via GraphQL API

October 24

Rate limits for /rate_limit REST API endpoint

October 18

Deprecation: Source Imports REST API
October 12

Guides

Migrating from REST to GraphQL

Learn best practices and considerations for migrating from GitHub's REST API to GitHub's GraphQL API.

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Managing enterprise accounts

You can manage your enterprise account and the organizations it owns with the GraphQL API.

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Using global node IDs

You can get global node IDs of objects via the REST API and use them in GraphQL operations.

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Explore guides →

All GraphQL API docs

Overview

About the GraphQL API

Public schema

Schema previews

Breaking changes

Explorer

Resource limitations

Reference

Queries

Mutations

Objects

Interfaces

Enums

Unions

Input objects

Scalars

Guides

Introduction to GraphQL

Forming calls with GraphQL

Using global node IDs

Migrating from REST to GraphQL

Using the Explorer

Managing enterprise accounts

Using the GraphQL API for Discussions

Migrating GraphQL global node IDs

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