Unions

In this article

About unions

A union is a type of object representing many objects.

For example, a field marked as an `ProjectCardItem` could be an `Issue` or a `PullRequest` because each of those objects can be inside a project card. Using a union instead of an object gives you flexibility.

For more information, see "Introduction to GraphQL."

Assignee

Types that can be assigned to issues.

Possible types

- Bot
- Mannequin

- [Organization](#)
- [User](#)

AuditEntryActor

Types that can initiate an audit log event.

Possible types

- [Bot](#)
- [Organization](#)
- [User](#)

Closer

The object which triggered a `ClosedEvent`.

Possible types

- [Commit](#)
- [PullRequest](#)

CreatedIssueOrRestrictedContribution

Represents either a issue the viewer can access or a restricted contribution.

Possible types

- CreatedIssueContribution
- RestrictedContribution

CreatedPullRequestOrRestrictedContribution

Represents either a pull request the viewer can access or a restricted contribution.

Possible types

- CreatedPullRequestContribution
- RestrictedContribution

CreatedRepositoryOrRestrictedContribution

Represents either a repository the viewer can access or a restricted contribution.

Possible types

- CreatedRepositoryContribution
- RestrictedContribution

EnterpriseMember

An object that is a member of an enterprise.

Possible types

- EnterpriseUserAccount
- User

IpAllowListOwner

Types that can own an IP allow list.

Possible types

- Enterprise
- Organization

IssueOrPullRequest

Used for return value of Repository.issueOrPullRequest.

Possible types

- Issue

- PullRequest

IssueTimelineItem

An item in an issue timeline.

Possible types

- AssignedEvent
- ClosedEvent
- Commit
- CrossReferencedEvent
- DemilestonedEvent
- IssueComment
- LabeledEvent
- LockedEvent
- MilestonedEvent
- ReferencedEvent
- RenamedTitleEvent
- ReopenedEvent
- SubscribedEvent
- TransferredEvent
- UnassignedEvent
- UnlabeledEvent
- UnlockedEvent
- UnsubscribedEvent
- UserBlockedEvent

IssueTimelineItems

An item in an issue timeline.

Possible types

- AddedToProjectEvent
- AssignedEvent
- ClosedEvent
- CommentDeletedEvent
- ConnectedEvent
- ConvertedNoteToIssueEvent
- CrossReferencedEvent
- DemilestonedEvent
- DisconnectedEvent
- IssueComment
- LabeledEvent
- LockedEvent
- MarkedAsDuplicateEvent
- MentionedEvent
- MilestonedEvent
- MovedColumnsInProjectEvent
- PinnedEvent
- ReferencedEvent
- RemovedFromProjectEvent
- RenamedTitleEvent
- ReopenedEvent

- SubscribedEvent
- TransferredEvent
- UnassignedEvent
- UnlabeledEvent
- UnlockedEvent
- UnmarkedAsDuplicateEvent
- UnpinnedEvent
- UnsubscribedEvent
- UserBlockedEvent

MilestoneItem

Types that can be inside a Milestone.

Possible types

- Issue
- PullRequest

OrgRestoreMemberAuditEntryMembership

Types of memberships that can be restored for an Organization member.

Possible types

- OrgRestoreMemberMembershipOrganizationAuditEntryData
- OrgRestoreMemberMembershipRepositoryAuditEntryData
- OrgRestoreMemberMembershipTeamAuditEntryData

OrganizationAuditEntry

An audit entry in an organization audit log.

Possible types

- MembersCanDeleteReposClearAuditEntry
- MembersCanDeleteReposDisableAuditEntry
- MembersCanDeleteReposEnableAuditEntry
- OauthApplicationCreateAuditEntry
- OrgAddBillingManagerAuditEntry
- OrgAddMemberAuditEntry
- OrgBlockUserAuditEntry
- OrgConfigDisableCollaboratorsOnlyAuditEntry
- OrgConfigEnableCollaboratorsOnlyAuditEntry
- OrgCreateAuditEntry
- OrgDisableOauthAppRestrictionsAuditEntry
- OrgDisableSamlAuditEntry
- OrgDisableTwoFactorRequirementAuditEntry
- OrgEnableOauthAppRestrictionsAuditEntry
- OrgEnableSamlAuditEntry
- OrgEnableTwoFactorRequirementAuditEntry
- OrgInviteMemberAuditEntry

- OrgInviteToBusinessAuditEntry
- OrgOauthAppAccessApprovedAuditEntry
- OrgOauthAppAccessDeniedAuditEntry
- OrgOauthAppAccessRequestedAuditEntry
- OrgRemoveBillingManagerAuditEntry
- OrgRemoveMemberAuditEntry
- OrgRemoveOutsideCollaboratorAuditEntry
- OrgRestoreMemberAuditEntry
- OrgUnblockUserAuditEntry
- OrgUpdateDefaultRepositoryPermissionAuditEntry
- OrgUpdateMemberAuditEntry
- OrgUpdateMemberRepositoryCreationPermissionAuditEntry
- OrgUpdateMemberRepositoryInvitationPermissionAuditEntry
- PrivateRepositoryForkingDisableAuditEntry
- PrivateRepositoryForkingEnableAuditEntry
- RepoAccessAuditEntry
- RepoAddMemberAuditEntry
- RepoAddTopicAuditEntry
- RepoArchivedAuditEntry
- RepoChangeMergeSettingAuditEntry
- RepoConfigDisableAnonymousGitAccessAuditEntry
- RepoConfigDisableCollaboratorsOnlyAuditEntry
- RepoConfigDisableContributorsOnlyAuditEntry
- RepoConfigDisableSockpuppetDisallowedAuditEntry
- RepoConfigEnableAnonymousGitAccessAuditEntry
- RepoConfigEnableCollaboratorsOnlyAuditEntry
- RepoConfigEnableContributorsOnlyAuditEntry
- RepoConfigEnableSockpuppetDisallowedAuditEntry

- RepoConfigLockAnonymousGitAccessAuditEntry
- RepoConfigUnlockAnonymousGitAccessAuditEntry
- RepoCreateAuditEntry
- RepoDestroyAuditEntry
- RepoRemoveMemberAuditEntry
- RepoRemoveTopicAuditEntry
- RepositoryVisibilityChangeDisableAuditEntry
- RepositoryVisibilityChangeEnableAuditEntry
- TeamAddMemberAuditEntry
- TeamAddRepositoryAuditEntry
- TeamChangeParentTeamAuditEntry
- TeamRemoveMemberAuditEntry
- TeamRemoveRepositoryAuditEntry

PermissionGranter

Types that can grant permissions on a repository to a user.

Possible types

- Organization
- Repository
- Team

PinnableItem

Types that can be pinned to a profile page.

Possible types

- Gist
- Repository

ProjectCardItem

Types that can be inside Project Cards.

Possible types

- Issue
- PullRequest

PullRequestTimelineItem

An item in an pull request timeline.

Possible types

- AssignedEvent
- BaseRefDeletedEvent
- BaseRefForcePushedEvent
- ClosedEvent

- Commit
- CommitCommentThread
- CrossReferencedEvent
- DemilestonedEvent
- DeployedEvent
- DeploymentEnvironmentChangedEvent
- HeadRefDeletedEvent
- HeadRefForcePushedEvent
- HeadRefRestoredEvent
- IssueComment
- LabeledEvent
- LockedEvent
- MergedEvent
- MilestonedEvent
- PullRequestReview
- PullRequestReviewComment
- PullRequestReviewThread
- ReferencedEvent
- RenamedTitleEvent
- ReopenedEvent
- ReviewDismissedEvent
- ReviewRequestRemovedEvent
- ReviewRequestedEvent
- SubscribedEvent
- UnassignedEvent
- UnlabeledEvent
- UnlockedEvent
- UnsubscribedEvent

- UserBlockedEvent

PullRequestTimelineItems

An item in a pull request timeline.

Possible types

- AddedToProjectEvent
- AssignedEvent
- AutomaticBaseChangeFailedEvent
- AutomaticBaseChangeSucceededEvent
- BaseRefChangedEvent
- BaseRefDeletedEvent
- BaseRefForcePushedEvent
- ClosedEvent
- CommentDeletedEvent
- ConnectedEvent
- ConvertToDraftEvent
- ConvertedNoteToIssueEvent
- CrossReferencedEvent
- DemilestonedEvent
- DeployedEvent
- DeploymentEnvironmentChangedEvent
- DisconnectedEvent
- HeadRefDeletedEvent
- HeadRefForcePushedEvent

- HeadRefRestoredEvent
- IssueComment
- LabeledEvent
- LockedEvent
- MarkedAsDuplicateEvent
- MentionedEvent
- MergedEvent
- MilestonedEvent
- MovedColumnsInProjectEvent
- PinnedEvent
- PullRequestCommit
- PullRequestCommitCommentThread
- PullRequestReview
- PullRequestReviewThread
- PullRequestRevisionMarker
- ReadyForReviewEvent
- ReferencedEvent
- RemovedFromProjectEvent
- RenamedTitleEvent
- ReopenedEvent
- ReviewDismissedEvent
- ReviewRequestRemovedEvent
- ReviewRequestedEvent
- SubscribedEvent
- TransferredEvent
- UnassignedEvent
- UnlabeledEvent
- UnlockedEvent

- UnmarkedAsDuplicateEvent
- UnpinnedEvent
- UnsubscribedEvent
- UserBlockedEvent

PushAllowanceActor

Types that can be an actor.

Possible types

- App
- Team
- User

ReferencedSubject

Any referencable object.

Possible types

- Issue
- PullRequest

RenamedTitleSubject

An object which has a renamable title.

Possible types

- Issue
- PullRequest

RequestedReviewer

Types that can be requested reviewers.

Possible types

- Mannequin
- Team
- User

ReviewDismissalAllowanceActor

Types that can be an actor.

Possible types

- Team
- User

SearchResultItem

The results of a search.

Possible types

- App
- Issue
- MarketplaceListing
- Organization
- PullRequest
- Repository
- User

Sponsor

Entites that can sponsor others via GitHub Sponsors.

Possible types

- Organization
- User

StatusCheckRollupContext

Types that can be inside a StatusCheckRollup context.

Possible types

- CheckRun
- StatusContext