View-only Link (aka: Private link) v0.0.1

- Useage: allow anyone with the link to view a private project with becoming a contributor
- What is a view-only link?
  https://osf.io/4znzp/?
  view_only=d962b13e7ab5409ca416953ebebc8f42

Changes: can_view()

Before:	After:
• project public or not? Yes? Good! No? Check next ↓ • user contributor or not? Yes? Good! No? Sorry, you can't view.	• project public or not? Yes? Good! No? Check next ↓ • user contributor or not? Yes? Good! No? Check ↓ • user has link or not? Yes? Good! No? Sorry, you can't view.

What’s more?

For an osf user, you have an invisible key ring.

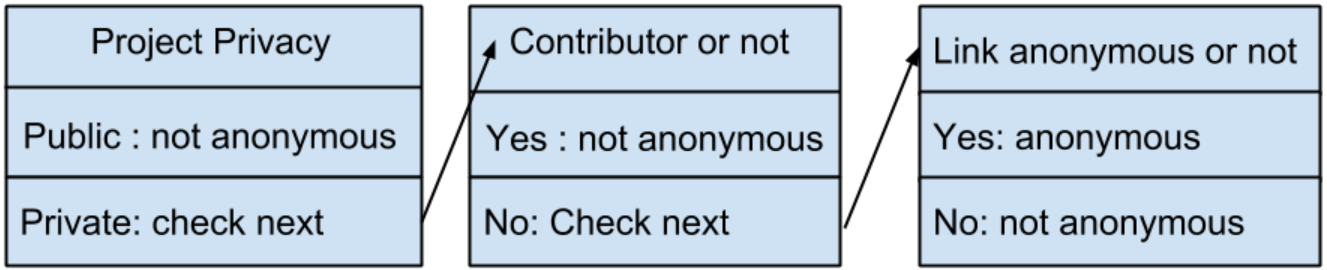
Once you visit a private project with a view-only link, that link will be added to the key ring.

OSF auto-select the link from your key ring when you revisit this private project as long as the view-only link is still valid.

View-only Link (aka: Anonymous link) v0.0.2

- Useage: allow the contributor display anonymous to viewer with the view-only link

New: anonymous(aka: has_anonymous_link())

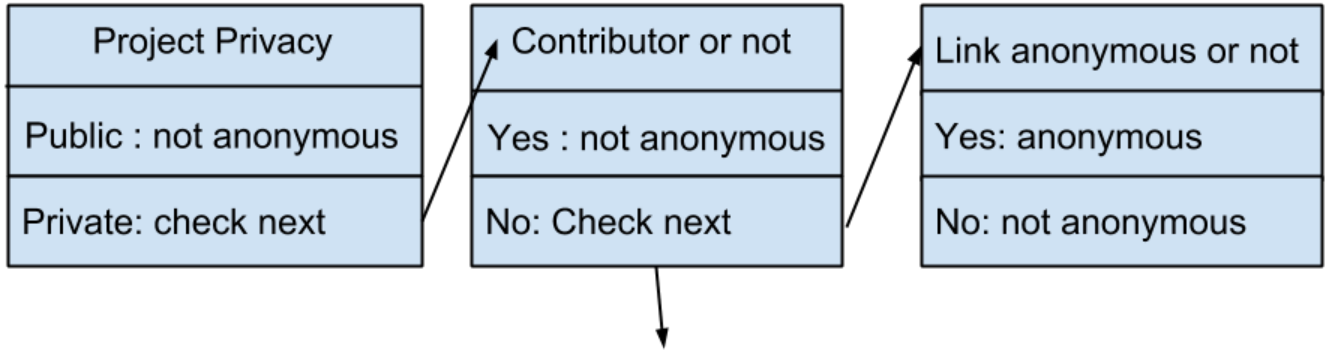


- Problem: contributor doesn't have a clear vision of what anonymous do

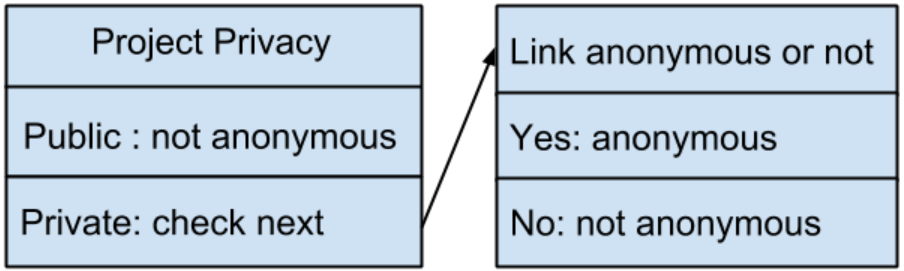
View-only Link (aka: Anonymous link) v0.0.2.0001

- Change: expose the anonymous behavior to contributor

Old: anonymous(aka: has_anonymous_link())



New: anonymous(aka: has_anonymous_link())



At this point, whether you are a contributor or not doesn't determine the project can be anonymous to you or not

Problems:

- As an osf user, if you hold an anonymous link to a private component of a public project. the private component's information will no longer be anonymous to you.

- Cause: the key ring grant you access to the private component and you don't need a link to visit the public parent project

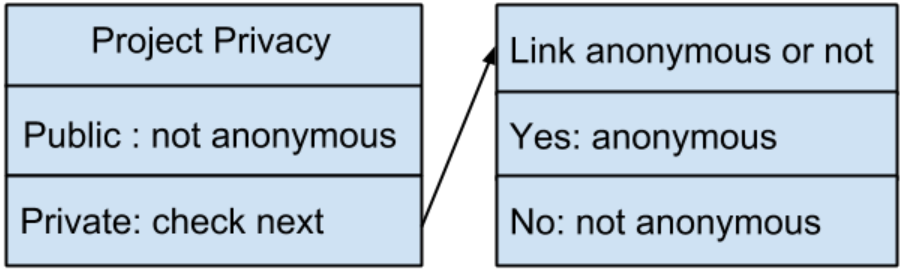
  can_view: return True (as you have the link from your key ring)

  anonymous: return False (as you have no link in current url)

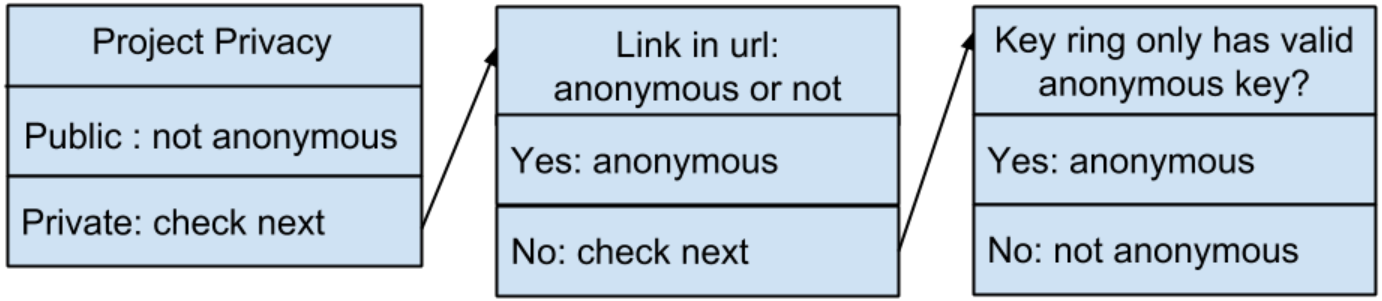
View-only Link (aka: Anonymous link) v0.0.2.0002

- Target: fix the exposure from the key ring

Old: anonymous(aka: has_anonymous_link())



New: anonymous(aka: has_anonymous_link())



Related changes:

- a view-only link will no longer be added to contributor’s key ring
- when a user is added as a contributor to a project, the view-only link related to this project will be deleted from the key ring

Dilemma:

- user story:

  User A has a private project X which has a private component Y

  User A gives User B the view-only link which has privilege over project X and component Y

  User A added User B as a contributor to project X

- result:

  User A loses ‘read’ right to component Y. (the anonymous link is removed from User A’s key ring)

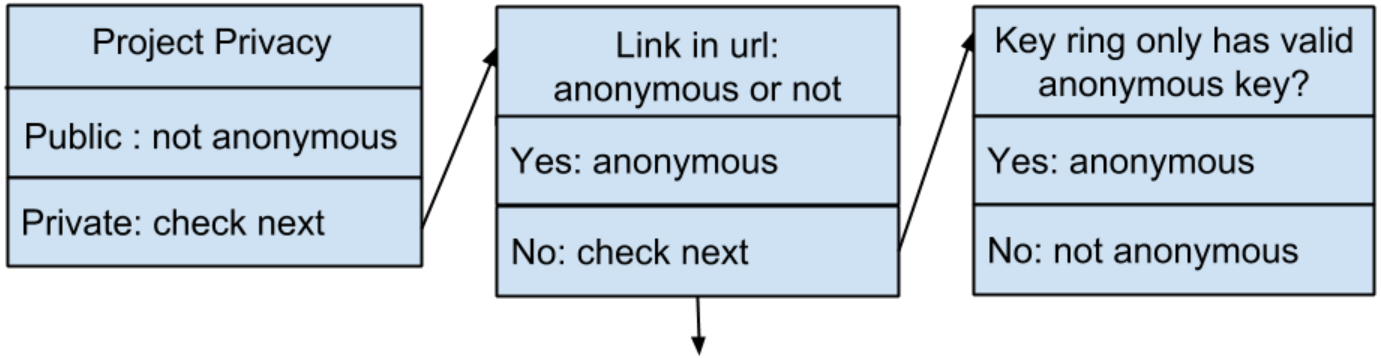
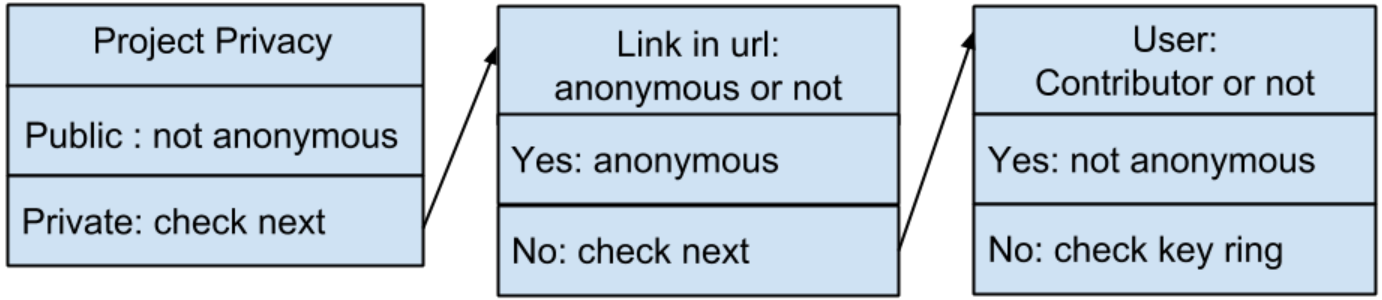
  User A uses the same anonymous link to visit project X, he still can’t access component Y from project X

  User A uses the same anonymous link to visit project y, then project X turns to be anonymous to User A forever

View-only Link (aka: Anonymous link) v0.0.2.0003

- Target: solve the dilemma

Old: anonymous(aka: has_anonymous_link())



New: anonymous(aka: has_anonymous_link())