

Syncing/Refreshing Applications in Argo CD

1. Access the Argo CD Dashboard:

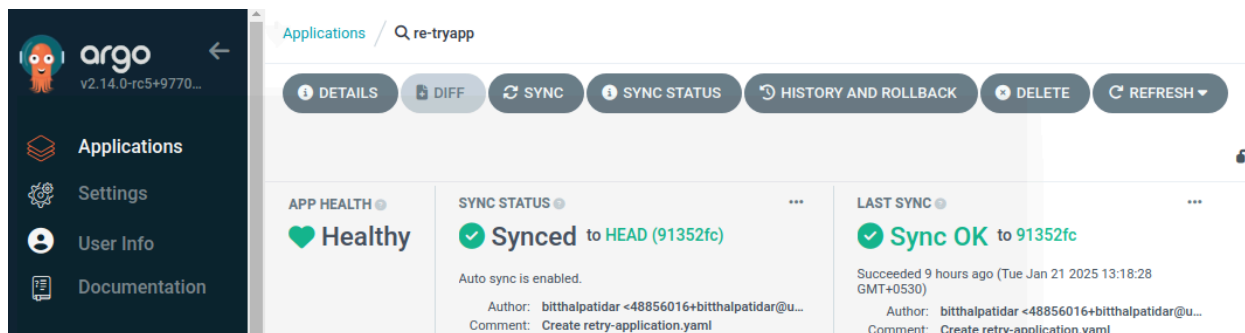
- Open your browser and navigate to your Argo CD UI URL (e.g., <http://<your-argocd-instance-url>>).
- Log in with your Argo CD credentials.

2. Locate the Application:

- From the Argo CD dashboard, find the application you want to sync/refresh. Use the search bar or scroll through the list of applications.

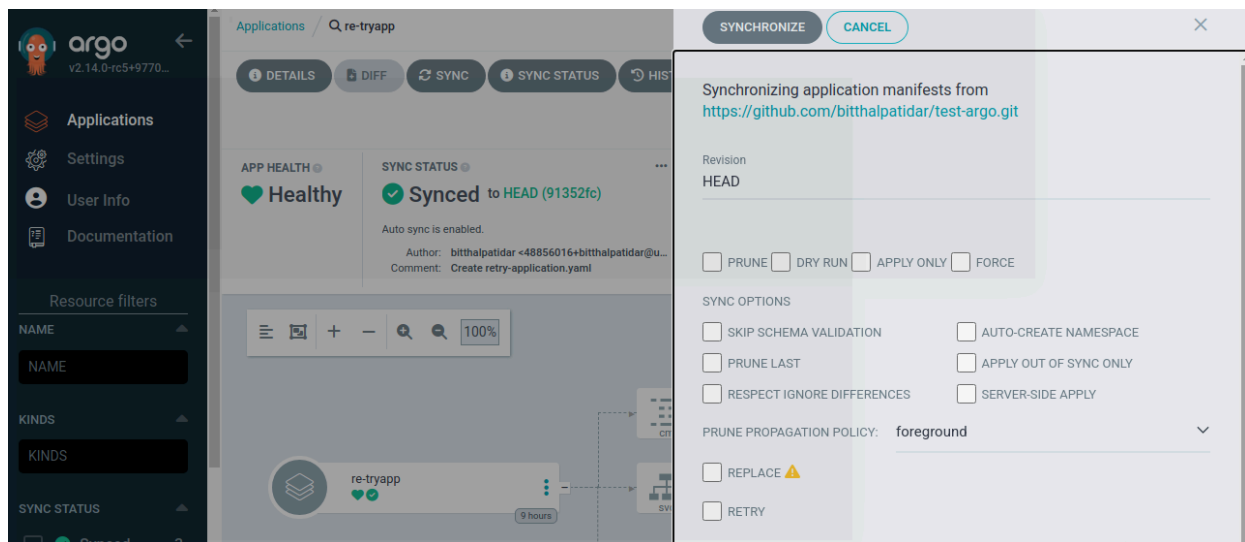
3. Check Application Status:

- Look for the **Status** column:
 - **Synced:** The application is up-to-date.
 - **Out of Sync:** Changes have been detected in the source repository



4. Initiate Sync:

- On the application details page, locate the **Sync** button (usually near the top-right corner).
- Click on the **Sync** button to view additional sync options:
 - **Prune Resources:** Deletes resources not tracked in Git.
 - **Dry Run:** Simulates a sync without making any changes.

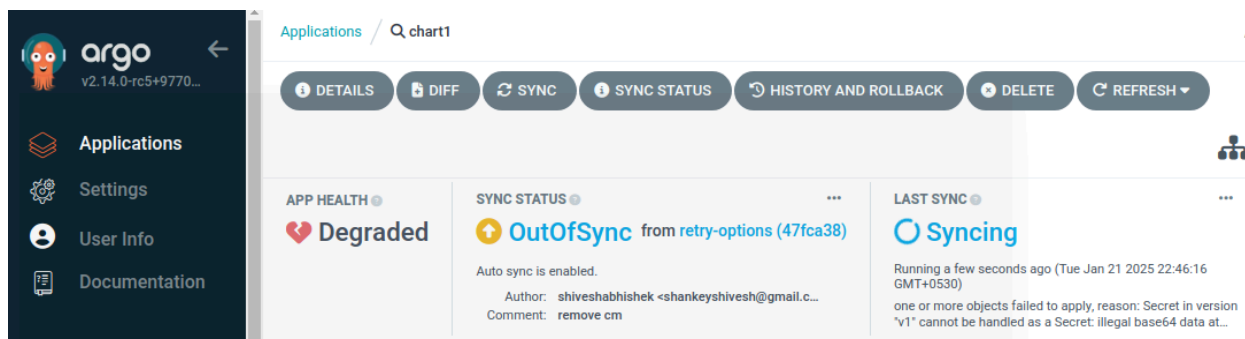


5. Perform Sync:

- If Auto-Sync is Disabled:
 - Click the **Sync** button and select **SYNCHRONIZE**.
 - In the pop-up window, enable the desired options:
 - **Prune Resources:** Deletes resources that are no longer in the Git repository.
 - **Dry Run:** Simulates a sync without applying changes.
 - Once the options are selected, confirm by clicking **SYNCHRONIZE**.
- If Auto-Sync is Enabled:
 - Simply click the **Sync** button followed by **SYNCHRONIZE** without modifying additional options.

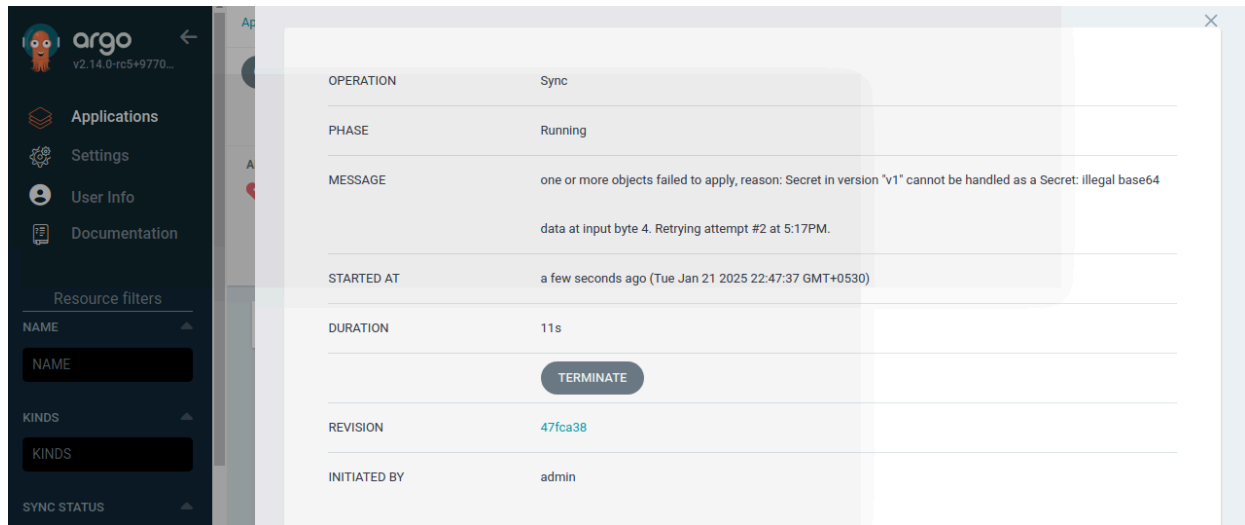
6. Terminate Sync (If Needed):

- If the application is already syncing and you need to stop the process:



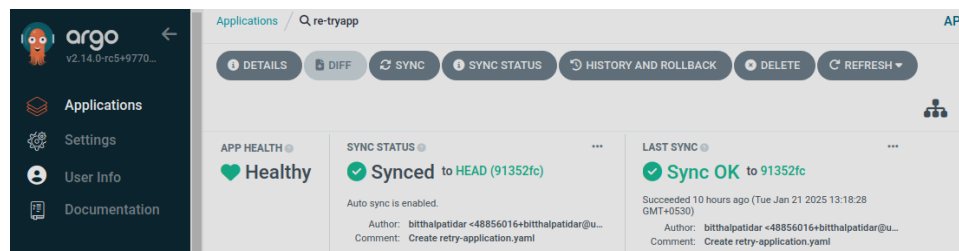
- Click the **Sync Status** button on the application details page.

- Locate the **TERMINATE** button (as shown in the screenshot) and click it to stop the sync operation.

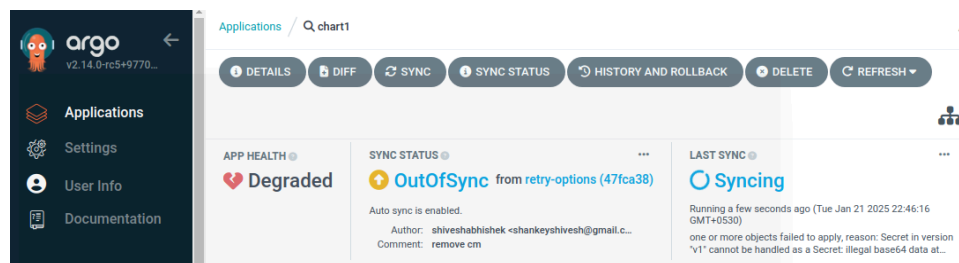


7. Verify Sync Status:

- After the sync is completed, check the application status:
 - A green **Synced** status indicates success.



- If there are errors, click **Details-> Events** or **Logs** for troubleshooting.



REASON	MESSAGE	COUNT	FIRST OCCURRED	LAST OCCURRED
ResourceUpdated	admin terminated running operation	1	9m ago Today at 10:49 PM	9m ago Today at 10:49 PM
OperationCompleted	Sync operation to 47fca3816419a2b8a84254ad334addc3a4553... failed: Operation terminated (retried 4 times).	1	9m ago Today at 10:49 PM	9m ago Today at 10:49 PM

8. Refresh Application:

- To manually refresh the application, click the **Refresh** button near the application name. This fetches the latest state from the source repository.
- Important Note:**
 - If **Auto-Sync is Enabled** for the application, clicking **Refresh** will automatically apply changes from the source repository to the application. Ensure that this action is intentional before refreshing.

9. Perform Hard Refresh (If Needed)

- A **Hard Refresh** ensures the application state is reloaded from the Kubernetes cluster and reconciled with the source repository.
- Steps to Perform a Hard Refresh:
 - Locate the **Refresh** button on the application details page.
 - Click the dropdown arrow next to the **Refresh** button.
 - Select **Hard Refresh** from the options.
- Use Case:** Perform a Hard Refresh if there are discrepancies between the displayed state and the actual state in the cluster, or if the application state isn't updated after a regular refresh.

Applications / re-tryapp

DETAILS DIFF SYNC SYNC STATUS HISTORY AND ROLLBACK DELETE REFRESH

Hard Refresh

APP HEALTH **Healthy**

SYNC STATUS **Synced to HEAD (91352fc)**

LAST SYNC **Sync OK to 91352fc**

Auto sync is enabled.

Author: bitthalpatidar <48856016+bitthalpatidar@u...>
Comment: Create retry-application.yaml

Succeeded 10 hours ago (Tue Jan 21 2025 13:18:28 GMT+0530)

Author: bitthalpatidar <48856016+bitthalpatidar@u...>
Comment: Create retry-application.yaml