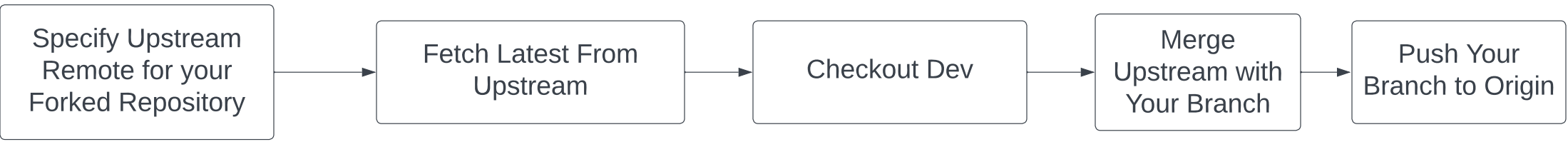


SYNC FORK WITH UPSTREAM REPOSITORY (AKA UPSTREAM SYNCING)



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This process involves fetching the latest changes from the main repository's "dev" branch and merging them into your fork's "dev" branch. Here's how you can do it:

Configure Upstream Remote (One-Time Setup): If you haven't already, you need to set up a remote reference to the main repository. This remote reference is typically named "upstream." Run the following command in your forked repository's directory:

```
git remote add upstream [main_repository_url]
```

Replace [main\_repository\_url] with the URL of the main repository (e.g., [https://github.com/main\\_organization/main\\_repository.git](https://github.com/main_organization/main_repository.git)).

Fetch Upstream Changes: Fetch the latest changes from the main repositor using the following commands:

```
git fetch upstream
```

Switch to Your Fork's Dev Branch: Make sure you're on your forked repository's "dev" branch:

```
git checkout dev
```

Merge Upstream Changes into Your Dev Branch: Merge the fetched changes from the main repository's "dev" branch into your fork's "dev" branch:

```
git merge upstream/dev
```

This command will incorporate the changes from the main repository's "dev" branch into your local "dev" branch.

Resolve Conflicts (If Any): If there are any merge conflicts, resolve them as you would with any other merge operation. After resolving conflicts, commit the changes.

Push Changes to Your Fork: Once you've merged the changes and resolved conflicts, push the updated "dev" branch to your forked repository on GitHub:

```
git push origin dev
```