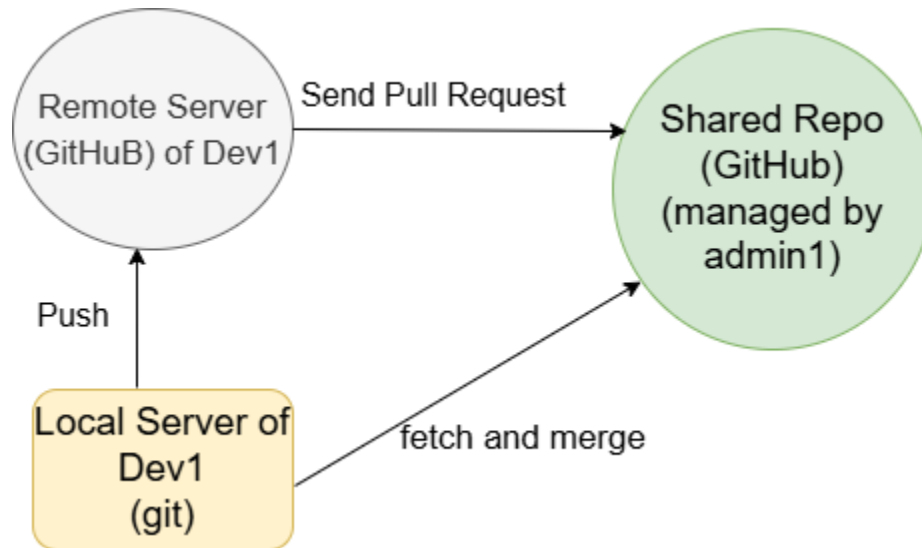


Q1: You are working as a developer (**Dev1**) on a collaborative project hosted on GitHub. The project is actively maintained and updated by multiple developers. Both your personal repository (<my_repo>) and the shared project repository (<shared_repo>) are based on the **main** branch.

Using the provided image as a reference, complete the following tasks:



1. Explain the Role of Each Arrow

Describe the meaning and purpose of each arrow shown in the diagram. What step in the GitHub workflow does it represent?

2. Describe the Overall Workflow

Explain the complete process of how Dev1 keeps their local repository synchronized with <shared_repo>, makes changes, and submits a **pull request**. Describe what is happening at each step in the collaboration process.

3. Write the Git/GitHub Commands

Provide the **ordered list of Git commands** that Dev1 should use to:

- Clone the shared project
- Create and push changes to <my_repo>
- Create a pull request from <my_repo> to <shared_repo>

- Pull updates from <shared_repo> if it gets updated
- Merge the pull request if accepted

Use placeholders like <my_repo> and <shared_repo> in the code where appropriate.