Token-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

To add Git to an existing local repository and set it up for committing and pushing changes, follow these steps:

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1. Initialize Git in Your Local Repository

Navigate to your project directory:
bash
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```
cd /path/to/your/local/repo
```

1.

Initialize Git:
bash
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```
git init
```

2. This sets up the directory as a Git repository.

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2. Add Files to Staging Area

Add all files in the directory to the staging area:
bash
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```
git add .
```

1.

Verify the files added to staging:
bash
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```
git status
```

2.

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3. Commit Your Changes

Create an initial commit:
bash
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```
git commit -m "Initial commit"
```

1.

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4. Add a Remote Repository

Link your local repository to a remote GitHub repository. Replace `<remote-repo-URL>` with your GitHub repository URL:
bash
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```
git remote add origin <remote-repo-URL>
```

Example:
bash
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```
git remote add origin
https://github.com/EmbeddedWiZaRd1/firmware.git
```

1.

Verify the remote:
bash
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```
git remote -v
```

2.

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5. Push Changes to GitHub

Push the commit to the `main` branch (or `master`, depending on your repo setup):
bash
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```
git push -u origin main
```

If `main` doesn't exist, use:
bash
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```
git branch -M main
git push -u origin main
```

1.

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6. Make Future Changes

After modifying files, stage, commit, and push your changes:
bash

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```
git add .
This will show all the new unstaged changes in the repo
git commit -m "Your commit message"

By doing this it will remain in the local of the branch which you
are working

For the changes to be pushed in the remote branch you have to do
this
```

1. `git push`