

Git Setup & Workflow Synopsis (Mini-FT8)

Goal

Keep local custom changes while safely merging future updates from the parent repository.

1. Repository Structure Established

We set up a standard fork workflow:

- origin → your fork (`git@github.com:N6RFM/Mini-FT8.git`)
- upstream → original parent repo (`https://github.com/wcheng95/Mini-FT8.git`)

2. Local Development Branch

All custom work is done on a dedicated branch:

```
git checkout -b bob-local
```

3. Parent Updates Integration

Fetch and merge parent updates:

```
git fetch upstream
```

```
git merge upstream/main
```

4. Authentication

GitHub password auth is deprecated. SSH authentication was configured and verified successfully.

5. Pushing Local Work

```
git push origin bob-local
```

6. Daily Workflow

Work on branch, commit, push. Periodically merge upstream changes and push again.

7. Key Rules

- Never commit custom work on main
- Fetch from upstream
- Push to origin
- Keep modifications on feature branches

Result

A clean, professional Git workflow that preserves local changes and safely tracks upstream updates.