

How to test a collection PR

Reviewers and issue authors can verify a PR fixes the reported bug by testing the PR locally.

- [Prepare your environment](#)
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Prepare your environment

We assume that you use Linux as a work environment (you can use a virtual machine as well) and have `git` installed.

1. `ref: 'Install Ansible <installation_guide>'` or `ansible-core`.

```
System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-
resources\ansible-devel\docs\docsite\rst\community\collection_contributors\
[ansible-devel] [docs] [docsite] [rst] [community]
[collection_contributors]collection_test_pr_locally.rst, line 20); backlink
Unknown interpreted text role "ref".
```

2. Create the following directories in your home directory:

```
mkdir -p ~/ansible_collections/NAMESPACE/COLLECTION_NAME
```

For example, if the collection is `community.general`:

```
mkdir -p ~/ansible_collections/community/general
```

If the collection is `ansible.posix`:

```
mkdir -p ~/ansible_collections/ansible/posix
```

3. Clone the forked repository from the author profile to the created path:

```
git clone https://github.com/AUTHOR_ACC/COLLECTION_REPO.git ~/ansible_collections/NAMESPACE/COLLECTION_NAME
```

4. Go to the cloned repository.

```
cd ~/ansible_collections/NAMESPACE/COLLECTION_NAME
```

5. Checkout the PR branch (it can be retrieved from the PR's page):

```
git checkout pr_branch
```

Test the Pull Request

1. Include `~/ansible_collections` in `COLLECTIONS_PATHS`. See `ref: 'COLLECTIONS_PATHS'` for details.

```
System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-
resources\ansible-devel\docs\docsite\rst\community\collection_contributors\
[ansible-devel] [docs] [docsite] [rst] [community]
[collection_contributors]collection_test_pr_locally.rst, line 63); backlink
Unknown interpreted text role "ref".
```

2. Run your playbook using the PR branch and verify the PR fixed the bug.
3. Give feedback on the pull request or the linked issue(s).