







Presumably the developer who creates the fix will work on his private master branch. That is OK. But for publishing the fix, the following steps should be taken:

1. The fix is applied to the version of the "release" branch that was merged into "master" when creating the broken release version.
2. The "release" branch is merged into "master", and a version tag is created on "master".
3. Witnesses update to the new version, and production continues.
4. A unit test is created on "develop" that reproduces the problem.
5. The "release" branch is merged into "develop", and it is verified that the fix resolves the problem, by running the unit test.
6. The "release" branch is merged into "hardfork" and "testnet".

** Bug Fix **

- A-1. A developer merges "release" into his feature branch.
- A-2. The developer creates the fix on his feature branch.
- A-3. The fix is applied to the version of the "release" branch that was merged into "master" when creating the broken release version.
- Fix is merged back into "release", then "release" into "master".

** Unit Test **

- B-1. A developer creates a feature branch from "develop".
- B-2. The developer creates a unit test to reproduce and resolve the problem in feature branch, merges that feature branch back into "develop".

** After the fix was applied **

- The "release" branch is merged into "master", and a version tag is created on "master".
- "Release" is merged into "develop" (and "hardfork").
- Witnesses update to the new version, and production continues.