

# How to release an xtpxlib component - Internal xtpxlib documentation

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## 1 Instructions

The assumption is that all code and documentation is up-to-date.

1. Check the code for missing details:

- Do all important files have headers with a suitable description?
- Search globally for TBD
- Is the information in `component-info.xml` still up to date (dependencies, etc.)?
- ...

2. Git commit everything (branch `develop`)

3. Determine the new version. The system used is `major.minor[.fixcode]`.

4. Git-flow start a *new release* and give it the version number as release name, prefixed with a lower-case `v` (so, for instance, `v1.0` or `v2.3.B`).

5. Edit `component-info.xml` and update the `<releases>` element with a *new* top `<release>` child.  
Add:

- Version number and date
- Short release description

6. Run the `doc/xpl/generate-componentdoc.xpl` pipeline to generate the GitHub pages site and other stuff.

7. Do a quick check on the generated documentation and the global `README.md` file for details (like version number/date, etc.)

8. Git commit everything to the release branch.

Usual commit message: `Release preparations vx.y`

9. Finish the release (Git-flow ...TBD) and tag it the same as the release name (lower-case `v` with version number, `vx.y`).

TBD: Auto commit/push???