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* (Git-flow; 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. Git-flow finish the release (Git-flow; Finish Release) and tag it the same as the release name (lower-case `v` with version number, `vx.y`). Optionally add some description after this, for example like in `vx.y - Bla bla bla`

   Make it easy on yourself, check *Push changes to remote*.

2   Important remarks

- When adding a new component, update the list of active components in `global/data/componentdoc-global-parameters.xml` and re-release the `xtpxlib-webdoc` component.
- For a new component don't forget to add the correct CNAME record to the DNS (must `CNAME` point to `xatapult.github.io.`)