

Editing and Committing

Please follow these simple guidelines to help everybody get the most out of revision control:

- **No auto-generated files** should be added to the repository¹⁾. They are unnecessary and may give rise to nasty merge conflicts. Consider adding a `Makefile` or scripts for auto-generating files where their making is not obvious.
- Use `.gitignore` files to keep the workspace clean for `git status` and friends. List all auto-generated files, including backup files, in `.gitignore`. Likewise for Subversion, use `svn propedit svn:ignore directory`.
- With each commit, include only a **single, self-contained type of change** (which will often include changes to multiple files). Keep each change minimal to make it easy to follow edits with `git log`, `annotate`, `diff` etc. For example, confine content changes and formatting changes to separate commits.
- Commit, **push and pull frequently**. This will help avoid merge conflicts that need to be fixed by hand.
- To make changes easy to spot, it is most useful to use hard linebreaks instead of one-line paragraphs. Avoid altering unaffected lines; do not reflow paragraphs if your edits affect only isolated lines. If the formatting becomes ugly, commit separate formatting-only edits.
- Provide a brief but **informative message** with each commit.
- Do not keep multiple versions of files in the repository. The repository does this automatically for you.
- Keep the repository **self-contained**, or include easy-to-follow instructions of how to obtain any required extra material. This is particularly an issue with BibTeX files. For IIS-internal documents, the recommended solution is to only cite publications from `IISbib` using `\bibliography{iisbib,otherbib}`, which can then simply be accessed via symbolic links to the respective `.bib` files in `iisbib/exports/`. For externally-shared documents, the recommended solution is the inclusion of a custom `.bib` file in the repository together with the paper, using [automatic tools to feed it cited references from external BibTeX databases^{2\)}](#).

¹⁾

Exception: files whose auto-generation requires tools that you cannot trivially expect all contributors to install.

²⁾

Justus has no personal experience with such tools. If you have more specific recommendations, please document them here. We could also quite easily roll our own mechanism for use with `IISbib`.

From:

<https://iis.uibk.ac.at/> - IIS

Permanent link:

<https://iis.uibk.ac.at/collab/git-usage?rev=1456508391>

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