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## Code style

It is imperative that all code in the repository follows EPOS' code style carefully.

## Before you commit checklist

Follow these steps before performing a commit to EPOS' SVN repository:

1. Update your working copy and resolve any eventual conflicts. (It might be a good idea to backup your working copy before updating).
2. Make sure your code complies to the **code style, compiles, works** and **doesn't break anything else**. If any of these is false, it must not be committed yet.
3. Remove unnecessary comments and initial debugging information from your code.
4. Revert the default traits (unless you have a good reason for changing it).
5. Run "make veryclean" to revert files like include/config.h.
6. Analyse all files you changed, to make sure nothing unnecessary is being committed.

For example:

```
$ cd <root_of_your_working_copy>
$ cp -r . ../working_copy_backup
$ svn up
$ svn revert include/system/traits.h
$ svn revert include/machine/cortex_m/emote3_traits.h # (Replace with the machine/model you are using)
$ make veryclean
$ svn st # Analyse carefully which files will be committed. Revert any unnecessary ones
$ # Be sure your code still compiles and works at this point
$ svn commit # Write an informative commit log
$ rm -rf ../working_copy_backup
```