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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:

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```
$ 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
```