

ORAC SVN Mini guide

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Basic commands for checking out and checking in svn code

- 1) **svn checkout** <http://proj.badc.rl.ac.uk/svn/orac/trunk> : checks out all the code and documents
- 2) **svn status -u** or for a specific directory **svn status -u Scia/** : checks the status of the files in the directory against the BADC repository (svn status without "-u" checks status locally, no check against the repository)
What the codes mean:
A = flagged to be added, but not yet imported (from 'svn add')
M = modified compared to repository
C = conflict (something gone wrong! eg someone else updated the repository, your local copy is different)
? = unknown status (generally in local dir but not in repository and not flagged to be added)
! = confused (e.g. if deleted local copy with "rm", rather than with "svn delete")
- 3) **svn add {file1}** : This doesn't update the repository, just marks the file as ready to be added during next 'commit' -only needs to be done once
- 4) **svn propset svn:keywords Id {file1}** This command is not for data files just fortran files. This command updates the version number in the file. -only needs to be done once.
- 5) **svn commit{file1}** commits file to repository, or with no file specified commits all changes
- 6) **tkdiff {file1}** : diffs the file with what is in the BADC repository or against a specific version
tkdiff -r 34 {file1}
- 7) **svn log {file or dir}** view when code changes were imported and the user explanations of what changed
- 8) **svn move {file1} {file2 or dir}** rename file1 to file2 or move file1 to subdirectory dir.
- 9) **svn delete {file1}** remove file1 (original remains in the repository but subversion "removes" it from new revisions)

For a full subversion reference, see <http://svnbook.red-bean.com/>