

# Cooperative software development

Séquentialisation, parallélisation, historique, nouveau contributeurs...

## CVSs

manages :

- code
- design documents
- test data sets
- user manual
- license
- ...

Git, Mercurial, SVN...

Production line metaphor :

- Baseline = reference version(s)
- Codeline = specific production line at team or dev scale

## Working with SVN

opérations de check-out et check-in (commit)

```
svn checkout <repo-url>
svn commit -m 'commit message'
```

```
svn copy <URI_distant_repo/trunk> <URI_distant_repo/branch>
svn merge <URI_distant_repo/branch> <local_workspace_path/trunk>
```

Branches

- trunk : reference branch
- branches : parallel development
- tags : stable version with a release identifier (tag)

```
svn status
svn diff
svn update
```