

## SNA Lab - Tracking code on-premises

### Choice 1 - VCS Viewer

Choose a VCS (CVS, SVN, GIT) and create a repository in there with a few commits. (*Bonus: commit or push remotely*)

Show the last 3 commit logs and diffs from the command line client.

Then designate a viewer that fits e.g. as follows, and show how you integrate it into the system (pulling an existing docker image is not allowed).

- ViewVC (CVS, SVN) <http://www.viewvc.org/>
- CVSWeb <https://www.freebsd.org/projects/cvsweb.html>
- OpenGrok (CVS, SVN, Mercurial) <https://oracle.github.io/opengrok/>
- Gitlab on-premises <https://about.gitlab.com/install/>
- Gogs <https://github.com/gogs/gogs> / **Gitea** <https://github.com/go-gitea/gitea>
- GitWeb <https://git-scm.com/book/en/v2/Git-on-the-Server-GitWeb>
- Cgit <https://git.zx2c4.com/cgit/>
- Redmine (CVS, SVN, Mercurial, GIT, Bazaar) <https://www.redmine.org/projects/redmine/wiki/Features>
- Trac (SVN, GIT) <https://trac.edgewall.org/>
- Gerrit (GIT) <https://www.gerritcodereview.com/>

Then show the same last 3 commits and diffs but using the UI you've chosen.

### Choice 2 - CRM/ERP

*team of two & presentation*

Take a pick and compete with IBM SAP and Salesforce.

- OpenERP/Odoo
- SugarCRM
- ERPNext
- Corteza

### Choice 3 - Anything Else

*teams & presentations*

Anything else from previous alternate flavour lab offers, un-settled points from the lecture (some questions are genuine) and even projects of your own (possibly extends to two weeks).

A new alternate lab flavour would be e.g. if you want to work for Russian government – try FOCT and check if it is available with OpenSSL now, or still only with LibreSSL and GNUTLS, compile the libraries from source and establish a secure channel somehow. It does not have to be a 100% success, show how far you have gotten.