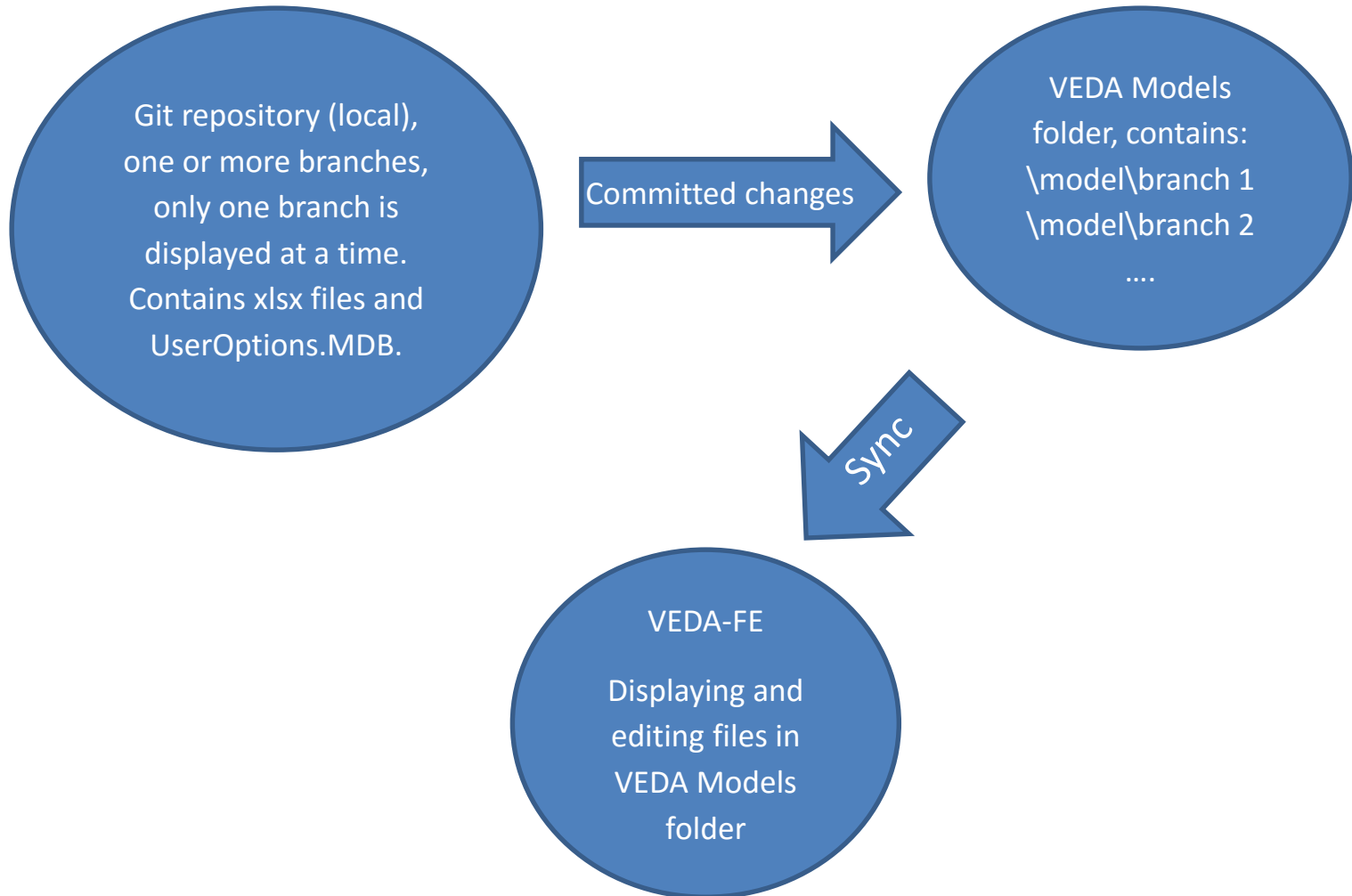


Integration of VEDA-FE with GIT version control

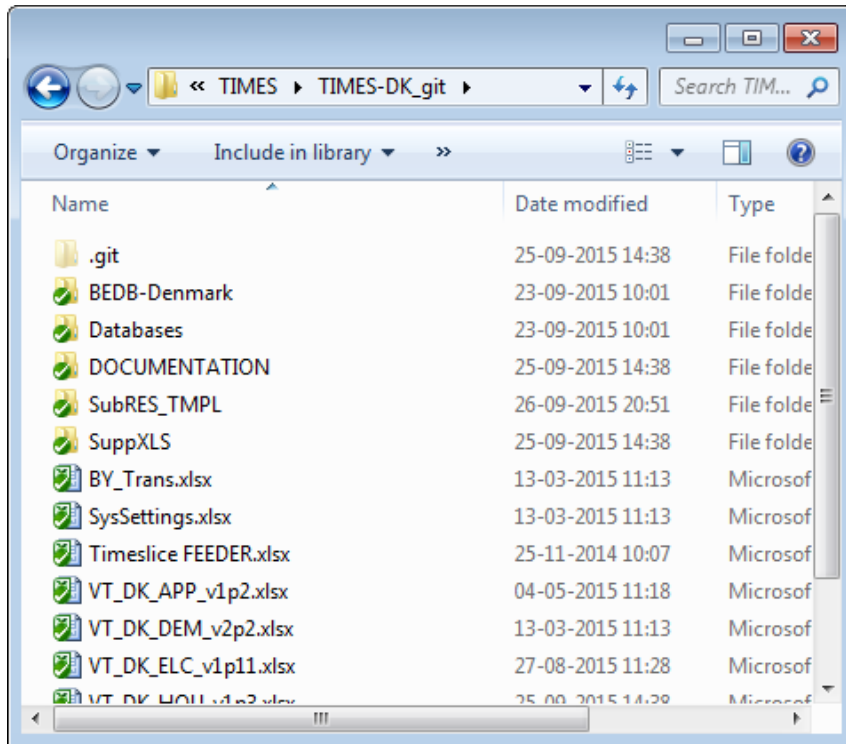
- Submitted by: DTU, Denmark
- Submission Date: 28 September 2015
- Participating Partners: DTU, E4SMA, KanORS
- Budget:
 - Design 4.5 K€
 - Implementation 4.5 K€
 - Testing 6 K€
 - Total 15 K€

Current Approach in DTU

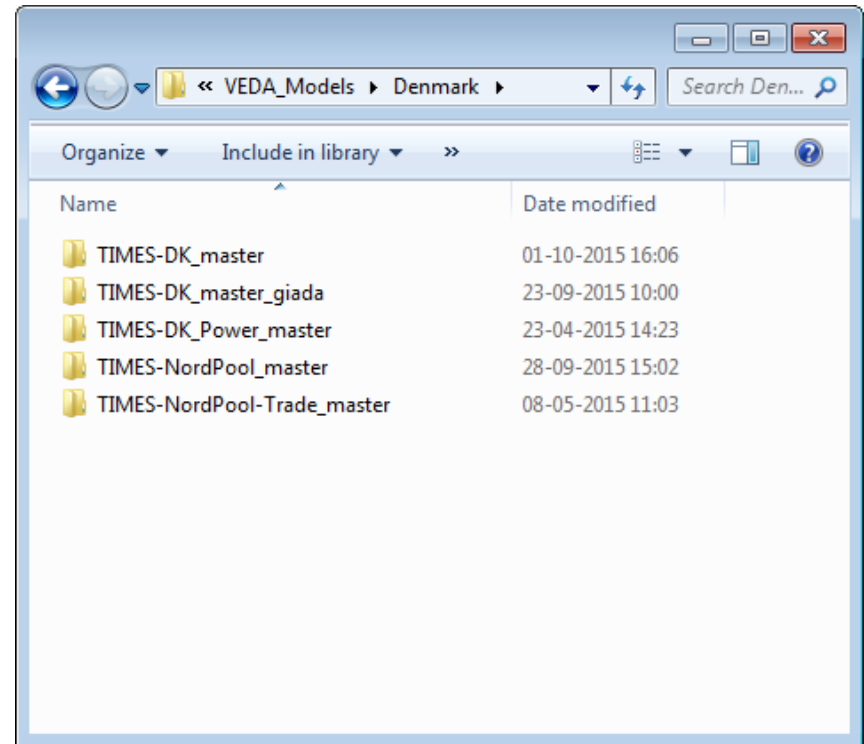


Current Approach: Illustration

Git repository



Veda_Models folder



Current Approach: Limitations

- Selecting a file in Navigator opens the corresponding file in VEDA Models folder => if any changes are made the file has to be manually copied to the git repository => a user can forget to do it => the changes might get lost
- The above limitation can be avoided by working from windows explorer directly with the files in a git repository. User has to have good familiarity with the folder structure => can be difficult, especially for new users.

Proposed Development

- Making VEDA-FE git-aware so that a user can e.g. open repository files by making a selection in the Navigator in VEDA-FE
- VEDA-FE will have to read which branch is selected in the git repository in order to be able to open the right version of the file

Main Benefits

- Use of VEDA-FE and GIT made easy
- Lower start-up costs for starting using version control