How to update Bexis instance with new patch

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Table of content

1 Update local version with Microsoft Visual Studio

All steps described here require the folder structure which is available on the computer "Hurghada".

- Go to folder: `D:Git_ATTO_Core`

- Right click: `GitBash`

  -> type: `git remote -v`

  -> type: `git branch` to check the embedded remote repositories/branches

  -> type: `git fetch Bexis2 master` to fetch the current patch of Bexis from Bexis2 GitHub page

- Go to MS Visual Studio and right click on update (bottom right)

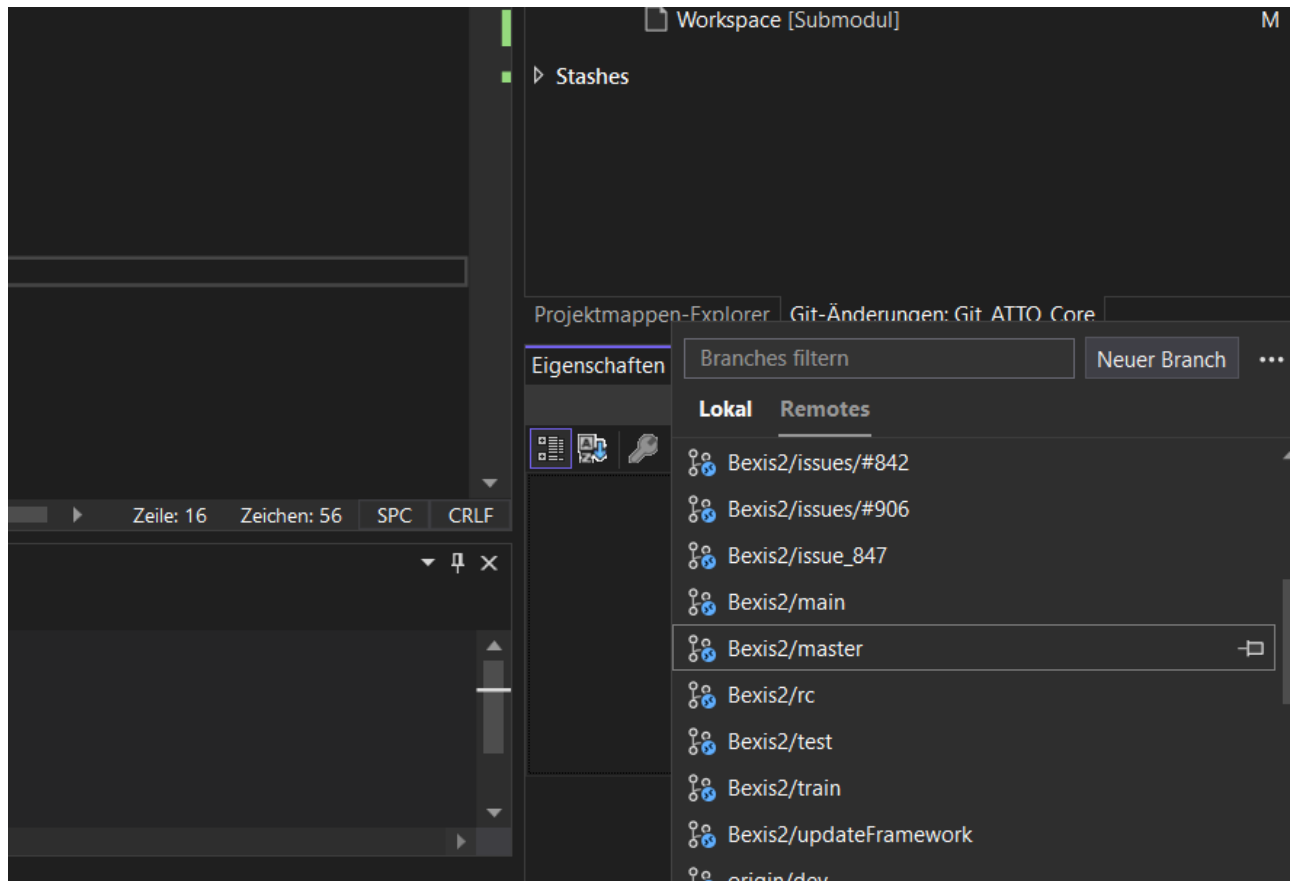 -> remotes - Bexis2/master (right click) & `merge in current branch`

Figure 1: Set remote branch in MS Visual Studio

- Resolve merge conflicts

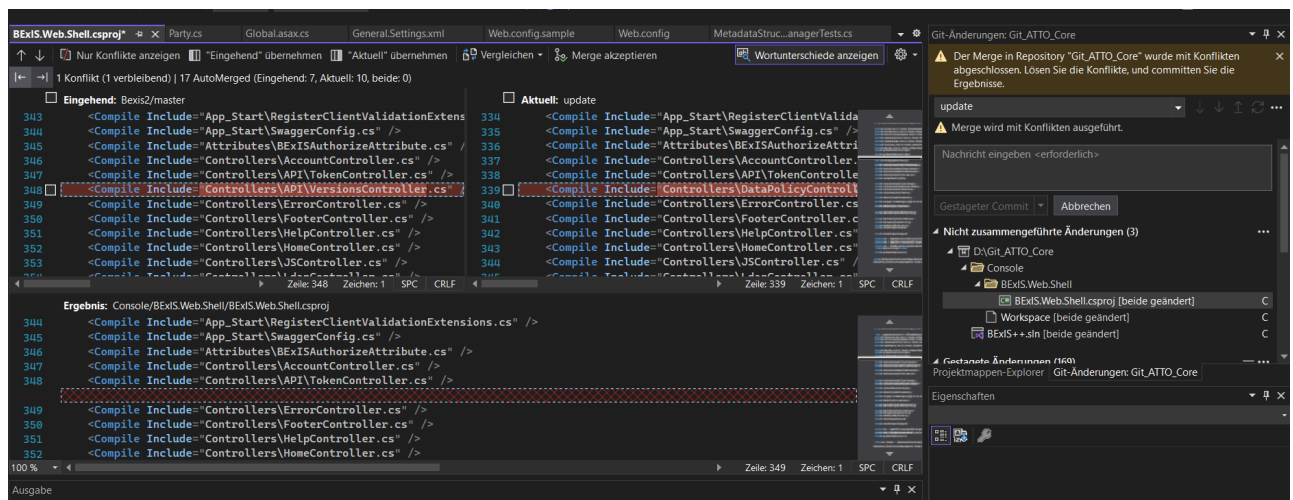*Figure 2: Resolve merge conflicts*

- Resolve Workspace conflict using GitBash:

  -> type: `git submodule update`

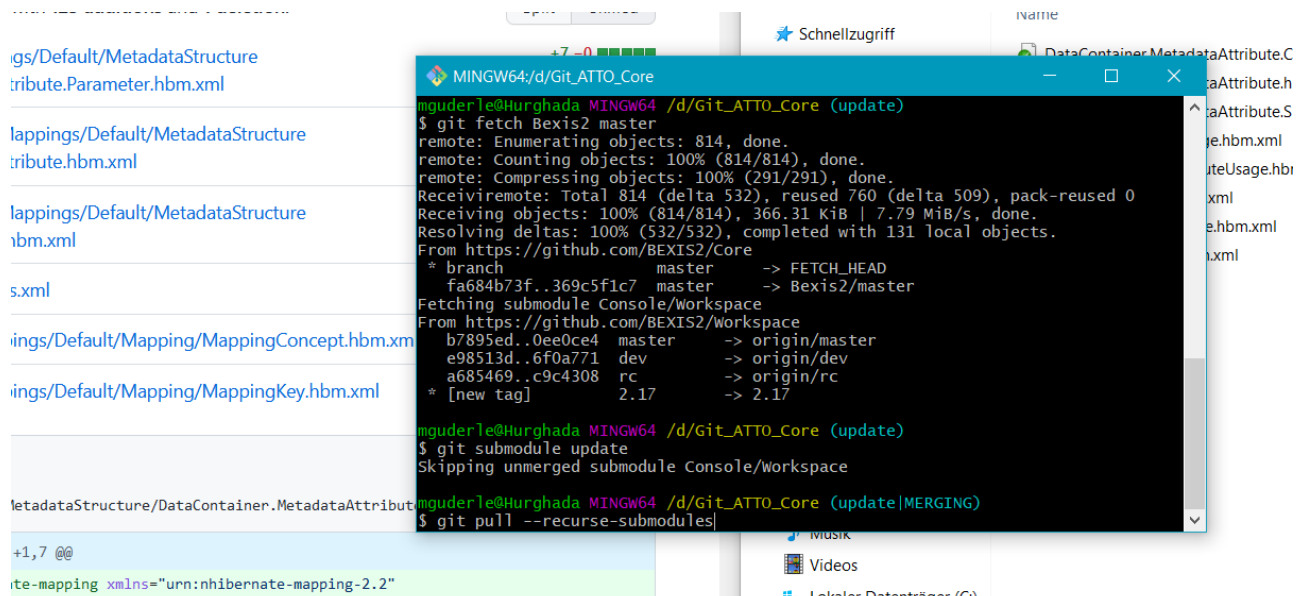 -> type: `git pull --recurse-submodules`

Figure 3: Resolve merge conflicts for Workspace

- Check in the Bexis release notes if all new files are in the workspace.

- Check if ATO modules, Credential file, Configuration file, General settings for landing page etc & tenants are left in the folder

- If necessary, copy ATO-Module, Modules.Catalog.xml back in from the old structures

- If merge does not work in the workspace use GitBash:

    -> type: `git reset --hard origin/master`

2 Update Postgres SQL

- Use update script from folder `database update script` or from Bexis2 GitHub page

3 Build app in MS Visual Studio

- Build on WebShell

- Build on Modules

- Build on Project

4 Update Search

- Copy lucene settings in new DDM lucene folder

5 Update Webconfig

- Check path to new Workspace in webconfig

- Check DB, Version, credentials & ports

6 Run app via MS Visual Studio locally

... to check if all works (links, General Information page, Metadata export, ...)

7 Publish Webshell & Modules

- Copy Modules in Area folder into the Site folder

- Copy Workspace folder

8 Update Bexis Instance on GWDG Server

- Create new folder wit Bexis version number

- Copy Site folder and Workspace folder

- Run update script on Postgres SQL

- Change path in IIS

- Restart IIS

- Check running app on live webpage www.attodata.org

9 Update GitHub Repo from ATTO

- Push & Sync changes to https://github.com/ATTODataPortal/Core - branch: update

- Move & merge updates to branch dev:

    - Using GitHub interface - "Pull requests" - "New pull request"

- Choose branches: left is target branch; right is source branch

- Merge branches