# Install the Umbraco site

The fowtradedata.com.redev project is based on Umbraco CMS.  
Most of the logic is implemented via the CMS back end, except the members membership provider.  
There are users and members distinguished in this CMS, members are the front end site visitors, users are the back end CMS users, so there are two different membership providers.

This project has an overridden custom members membership provider, to have an ability to work with external (for Umbraco) database.  
  
There is a project TDUmbracoMembership, which incorporates the logic.  
It is referenced in the FowTradeDataU project and provider name is changed in the web.config.  
BTW, the TDUmbracoMembership project uses C# v.6, this a matter of installing a NuGet package.

Stash doesn’t contain binaries any more – the Bin folder in the FowTradeDataU and packages folder with NuGet packages are not committed.

To prepare the site for deployment, please do:

1. Stop IIS or web site, to unlock files in the project.
2. Backup old site along with FOWTradeDataUmbraco database.
3. Update the project from stash or even checkout to the clean folder.
4. Open FowTradeDataU.sln and build in Visual Studio (last build was done in VS 2015, but VS 2012 should be also fine)
5. Unpack and restore databases from FOWTradeDataUmbraco.7.3.4.bak.7z and UmbracoMembers.bak.7z
6. Open the firstRun.sql in the Db folder (near this instruction).   
   The database master key will be updated with a current instance master key.   
   You may also want to change default DMK password – uncomment the line:  
     
   -- change password  
   -- exec ChangeDMKPassword @oldPassword = '#######', @newPassword = '#Your new password#'
7. Copy files from local repository to production.
8. Start IIS.