# caCORE SDK Steps to generate dozer artifacts

Use caCore-SDK-4.2.src
https://ncisvn.nci.nih.gov/svn/cacoresdk/tags/CACORESDK_42_12152009

or
https://cabig.nci.nih.gov/tools/caCORE_SDK


In order to generate dozer files together with other artifacts generated by caCore next changes should be applied to the standard caCore-SDK-4.2 file set:

apply the patch one of the patches found here to the code above:
https://ncisvn.nci.nih.gov/svn/catissue/catissuecore/trunk/software/caTissue/modules/caCORE-SDK-dozer-templates

it will change the original codebase as follows

1. **add** dozer.javajet
2. **add** dozerCollections.javajet
3. **add** dozerParentRefs.javajet
4. **modify** build-codegen.xml
5. **modify** CodegenConfig-template.xml
6. **modify** project.properties
7. **modify** TransformerUtils.java

then follow caCORE-SDK instructions to run codegen.

as a result there will be an extra file named example-dozer-files.jar containing dozer files needed to be merged to caGrid DataService in order to support Writable API for new generated DE.