```
Rem ============================================================
Rem "cc2ccsigskl.exe", "MemTrace.exe", "MorphGCurv.exe", "MorphGSurf.exe", "mrc2cc.exe", "PolyMender-clean.exe", "PolyMender-dc-clean.exe",
"PolyMender-dc.exe", "PolyMender.exe", "Skeleton.exe", "SkeletonUI.exe",  "Skeleton_UIResizeBasedTet.exe", "sklAptOctACCThinCurv.exe",
"sklAptOctACCThin.exe", "sklAptOctACCThinMin.exe",  "sklArbcc.exe", "sog2NoisyMRC.exe", "sogOctCC2cc.exe", "unicontour.exe"
Rem ============================================================

Rem ----------------------------------------
Rem * "cc2ccsigskl.exe",         *
Rem ----------------------------------------
Rem (1) .cc -> .ccsigskl  cell complex -> cell complex with MP measure
Rem (2) program.exe input.cc faceMabsThresh faceMrelThresh edgeMabsThresh edgeMrelThresh facePatchSizeThresh curveLengthThresh output.ccsigskl
CC2CCSIGSKL ..\Data\2cc\elk7.cc 4.5 0.5 4.5 0.5 30 9 ..\Data\3ccsigskl\elk7s.ccsigskl

Rem ----------------------------------------------------------------
Rem * "MemTrace.exe",  output memory trace of a program      *
Rem ----------------------------------------------------------------
memtrace sklAptOctACCThin ..\Data\1SogOrOctcc\elk7.sog ..\Data\3ccOctResult\elk7_surf.cc >>
..\Data\3ccOctResult\mem\elk7_surf.txt

Rem ----------------------------------------------------------------
Rem * "MorphGCurv.exe",
Rem ----------------------------------------------------------------
Rem (1) .sog/.mrc/.sog -> *skeleton.mrc(volume file) + *skeleton.mrc.off(mesh file) curve skl
MorphGcurv 4 ..\Data\3offPalagyiThinningResult\elk7_curv.sog NULL 1 -0.5 2 2
..\Data\3offPalagyiThinningResult\elk7_curv.pdb

Rem ----------------------------------------------------------------
Rem * "MorphGSurf.exe"
Rem ----------------------------------------------------------------
Rem (1) .sog/.mrc/.sog -> *skeleton.mrc(volume file) + *skeleton.mrc.off(mesh file) surface skl
MorphGsurf 4 ..\Data\3offPalagyiThinningResult\elk7_surf.sog NULL 1 -0.5 2 2
..\Data\3offPalagyiThinningResult\elk7_surf.pdb

Rem ----------------------------------------------------------------
Rem *  "mrc2cc.exe"
Rem ----------------------------------------------------------------
Rem (1) .mrc(volume file) -> .cc Turn volume into cell complex, default threshold-0.5 for volume
mrc2cc.exe ..\Data\NosiyGenerationProcess\elk7_noisy.mrc
..\Data\NosiyGenerationProcess\elk7_noisy.cc

Rem ----------------------------------------------------------------
Rem "PolyMender-clean.exe",     TaoJu's program, read his readme.txt for more information
Rem "PolyMender-dc-clean.exe",
Rem "PolyMender-dc.exe",
Rem "PolyMender.exe",
Rem ----------------------------------------------------------------
Rem (1) program.exe input.ply level quality[0-1] output.ply
polymender-clean ..\Data\0Ply\elk.ply 7 0.9 ..\Data\1PlyMend\elk7.ply
polymender-dc-clean ..\Data\0Ply\elk.ply 7 0.9 ..\Data\1SogOrOctcc\elk7.sog

Rem ----------------------------------------------------------------
Rem *  "SkeletonUI.exe",
Rem ----------------------------------------------------------------
Rem (1) cell complex version, with GUI. the centered with cubic cell complex
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Rem ------------------------------------------------------------------
Rem "Skeleton_UIResizeBasedTet.exe",
Rem ------------------------------------------------------------------
Rem (1) cell complex version, with GUI. all input are resized based on the load in tet mode
Rem (2) press 'r' to read in tet model file with .arbcc suffix
Rem (3) press 's'  to switch between visualizing cubic cell complex and tet cell complex

Rem ------------------------------------------------------------------
Rem "sklAptOctACCThin.exe"
Rem "sklAptOctACCThinCurv.exe"
Rem "sklAptOctACCThinMin.exe"
Rem ------------------------------------------------------------------
Rem (1) .sog/.octcc -> .cc
Rem (2) .sog(polymender result from .ply file ) .octcc (mendit result, Lu Liu wrote this format)
Rem (3) .cc cell complex out of the octree
Rem (4) different versions with different threshold for MP measures of faces/edges
Rem (5) program.exe(each of the three) inpout.sog output.cc [>>timeperfrom.txt]_optional
sklAptOctACCThin ..\Data\1SogOrOctcc\elk7.sog ..\Data\3ccOctResult\elk7_surf.cc >>
..\Data\3ccOctResult\tim\elk7_surf.txt

Rem ------------------------------------------------------------------
Rem * "sklArbcc.exe"
Rem ------------------------------------------------------------------
Rem (1)..cc -> .arbcc
Rem (2).cubic cell complex -> interior tet cell complex, thin ->.arbcc(tet cc with MP measures)
sklArbcc ..\Data\2cc\elk6.cc 2.5 0.25 2.5 0.25 30 9 ..\Data\3ArbccTetResult\elk6s.arbcc

Rem ------------------------------------------------------------------
Rem * "sog2NoisyMRC.exe"
Rem ------------------------------------------------------------------
Rem (1) .sog -> .mrc+.corner
Rem (2) .sog (polymender result )
Rem (3) .mrc-volume file with cell spacing .corner for the corner position of the volume
Rem (4) read in volume, after user specified rounds of thinning simple points(26-6 and 6-26)
sog2NoisyMRC ..\Data\1SogOrOctcc\elk7.sog ..\Data\NosiyGenerationProcess\elk7_noisy 3 0.5 0.7
0.5

Rem ------------------------------------------------------------------
Rem * "sogOctCC2cc.exe"
Rem ------------------------------------------------------------------
Rem (1) .sog/.octcc -> .cc
Rem (2) .sog(polymender result) .octcc(MendIt output, edited by Lu Liu version)
Rem (3) .cc cubic cell complex, (skeletonUI can visualize the result and process it)
Rem (4) program.exe input.sog output.cc
sogOctCC2cc.exe ..\Data\1SogOrOctcc\elk7.sog ..\Data\2cc\elk7.cc

Rem ------------------------------------------------------------------
Rem "unicontour.exe"
Rem ------------------------------------------------------------------
Rem (1) ..mrc ->.ply
Rem (2) .sread in volume and extract the surface of the volume above threshold
Rem (3) Drawback: .corner file information of .mrc hasn't been taken into consideration
unicontour ..\Data\NosiyGenerationProcess\elk7_noisy.mrc 0.5
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..\Data\NosiyGenerationProcess\elk7_noise.ply
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