

c2.03 2014-10-15

Error rectification

- Performance problem in rare cases switching between layouts in a drawing is solved.

Modified files:

Ath_init.fas
Cpl_2014_17_32_Main.arx
Cpl_2014_17_32_Dbx.Dbx
Cpl_2014_17_64_Main.arx
Cpl_2014_17_64_Dbx.Dbx
Cpl_2014_18_32_Main.arx
Cpl_2014_18_32_Dbx.Dbx
Cpl_2014_18_64_Main.arx
Cpl_2014_18_64_Dbx.Dbx
Cpl_2014_19_32_Main.arx
Cpl_2014_19_32_Dbx.dbx
Cpl_2014_19_64_Main.arx
Cpl_2014_19_64_Dbx.dbx
Cpl_2014_20_32_Main.arx
Cpl_2014_20_32_Dbx.dbx
Cpl_2014_20_64_Main.arx
Cpl_2014_20_64_Dbx.dbx

c2.02 2014-07-11

Error rectification

- Some commands cause occasionally a freeze of AutoCAD. Therefore you had to close AutoCAD with task manager. The problem no longer exists.

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Modified files:

Ath_2014_17_32_Mfc.dll	Cpl_2014_17_32_Data.dll
Ath_2014_17_64_Mfc.dll	Cpl_2014_17_32_Dbx.Dbx
Ath_2014_18_32_Mfc.dll	Cpl_2014_17_64_Data.dll
Ath_2014_18_64_Mfc.dll	Cpl_2014_17_64_Dbx.Dbx
Ath_2014_19_32_Mfc.dll	Cpl_2014_18_32_Data.dll
Ath_2014_19_64_Mfc.dll	Cpl_2014_18_32_Dbx.Dbx
Ath_2014_20_32_Mfc.dll	Cpl_2014_18_64_Data.dll
Ath_2014_20_64_Mfc.dll	Cpl_2014_18_64_Dbx.Dbx
ath_init.fas	Cpl_2014_19_32_Data.dll
	Cpl_2014_19_32_Dbx.dbx
	Cpl_2014_19_64_Data.dll
	Cpl_2014_19_64_Dbx.dbx
	Cpl_2014_20_32_Data.dll
	Cpl_2014_20_32_Dbx.dbx
	Cpl_2014_20_64_Data.dll
	Cpl_2014_20_64_Dbx.dbx
	cpl_desk.fas

c2 2014-05-02

Error rectification

- Object dimensioning of 2D bar projections sometimes produced dimensions which were upside-down. The problem has now been remedied.
- Occasionally, dialog texts remained in German when changing the ATHENA dialog language. These texts have now been supplemented in other languages.
- The command "Generate a section from 2D" deactivated the set object snapping. Object snapping is now retained.
- The "Window sill" command now leaves the dimension settings as they are.
- On generating bar diagrams unreferenced blocks and zero-length geometries were produced. This no longer occurs.
- Preview pictures of some individual Fischer anchors were lacking. They are now included.
- The information dialog box within the library dialog can now be closed with ESC.
- The command "Dimension periphery, arc length" now also correctly dimensions curved ATHENA standard parts or semi-finished products.
- The import button under Administration in the dialog box of the "Sheet processing" function led to the command aborting. This now works correctly.
- When ATHENA objects are unified and their grips are located opposite the objects, they are unified again without the objects moving out of position.
- Under some circumstances the "Project manager" command was not started and produced a corresponding error message. The error has been corrected.
- Occasional problems on opening earlier libraries have been rectified.
- Sometimes individual distances with butt-joint connections were not correctly adopted. The problem no longer exists.
- Inconsistencies in material and system properties of ATHENA objects have been rectified.
- 3D infills without cavities are now possible without restriction.
- Sheet processing: Processes in a manually extended fold are again output in the development.
- A display problem on stretching non-scalable leaders rotated with AutoCAD has been corrected.
- Various small error corrections have been carried out.

Improvements

- Romanian and polish translation added.
- Execution on AutoCAD / Architecture / Mechanical 2015 enabled.
- From this update a space character is inserted behind a prefix and before a suffix when a dimension is edited.
- If no dongle has been found, an appropriate dialog box appears, which in some situations cannot be closed. Now an appropriate message appears in the text window of AutoCAD. It is then possible to work completely normally with AutoCAD.

- With the functions "Label background color ON/OFF" the performance has been substantially improved. This is particularly noticeable with large drawings and drawings with labels contained in blocks.
- If a 3D infill contains a layer of sheet metal, it is also output as sheet metal. This facilitates further processing of this contour with the "Sheet processing" module.
- Improvements to the LogiKal interface.

Modified files:

ath_0000.fas	Ath_2014_20_64_Base.Arxx	Cpl_2014_18_64_Bar.arxx
Ath_2014_17_32_Base.arxx	Ath_2014_20_64_CSharp.dll	CPL_2014_18_64_BarDBX.dbxx
Ath_2014_17_32_CSharp.dll	Ath_2014_20_64_Dial.arxx	Cpl_2014_18_64_Base.dll
Ath_2014_17_32_Dial.arxx	Ath_2014_20_64_Es.dll	Cpl_2014_18_64_Data.dll
Ath_2014_17_32_Es.dll	Ath_2014_20_64_Logi.arxx	Cpl_2014_18_64_Dbx.Dbx
Ath_2014_17_32_Logi.arxx	Ath_2014_20_64_Mfc.dll	Cpl_2014_18_64_Kernel.dll
Ath_2014_17_32_Mfc.dll	Ath_2014_20_64_Net.dll	Cpl_2014_18_64_Main.arxx
Ath_2014_17_32_Net.dll	Ath_2014_20_64_NetCommands.dll	Cpl_2014_18_64_Mfc.dll
Ath_2014_17_32_NetCommands.dll	Ath_2014_20_64_Norm.arxx	Cpl_2014_18_64_Modeler.dbxx
Ath_2014_17_32_Norm.arxx	Ath_2014_20_64_Obj.dll	Cpl_2014_18_64_Net.dll
Ath_2014_17_32_Obj.dll	ath_bar.fas	Cpl_2014_18_64_NetBase.dll
Ath_2014_17_64_Base.arxx	ath_blch.fas	Cpl_2014_18_64_Obj.dll
Ath_2014_17_64_CSharp.dll	ath_cmd.fas	Cpl_2014_18_64_Solid.dbxx
Ath_2014_17_64_Dial.arxx	ath_dim.fas	Cpl_2014_19_32_Bar.arxx
Ath_2014_17_64_ES.dll	ath_easy.fas	CPL_2014_19_32_BarDBX.dbxx
Ath_2014_17_64_Logi.arxx	ath_edit.fas	Cpl_2014_19_32_Base.dll
Ath_2014_17_64_Mfc.dll	ath_hlbz.fas	Cpl_2014_19_32_Data.dll
Ath_2014_17_64_Net.dll	ath_init.fas	Cpl_2014_19_32_Dbx.dbxx
Ath_2014_17_64_NetCommands.dll	ATH_LOGI.fas	Cpl_2014_19_32_kernel.dll
Ath_2014_17_64_Norm.arxx	ath_norm.dex	Cpl_2014_19_32_Main.Arxx
Ath_2014_17_64_Obj.dll	ath_obj.fas	Cpl_2014_19_32_Mfc.dll
Ath_2014_18_32_Base.arxx	ath_pane.fas	Cpl_2014_19_32_Modeler.dbxx
Ath_2014_18_32_CSharp.dll	ath_run.dcl	Cpl_2014_19_32_Net.dll
Ath_2014_18_32_Dial.arxx	ath_run.rsxx	Cpl_2014_19_32_NetBase.dll
Ath_2014_18_32_Es.dll	ath_st3d.fas	Cpl_2014_19_32_Obj.dll
Ath_2014_18_32_Logi.arxx	ath_stdI.FAS	Cpl_2014_19_32_Solid.dbxx
Ath_2014_18_32_Mfc.dll		Cpl_2014_19_64_Bar.arxx
Ath_2014_18_32_Net.dll	Cpl_2014_17_32_Bar.arxx	CPL_2014_19_64_BarDBX.dbxx
Ath_2014_18_32_NetCommands.dll	CPL_2014_17_32_BarDBX.dbxx	Cpl_2014_19_64_Base.dll
Ath_2014_18_32_Norm.arxx	Cpl_2014_17_32_Base.dll	Cpl_2014_19_64_Data.dll
Ath_2014_18_32_Obj.dll	Cpl_2014_17_32_Data.dll	Cpl_2014_19_64_Dbx.dbxx
Ath_2014_18_64_Base.arxx	Cpl_2014_17_32_Dbx.Dbx	Cpl_2014_19_64_kernel.dll
Ath_2014_18_64_CSharp.dll	Cpl_2014_17_32_Kernel.dll	Cpl_2014_19_64_Main.Arxx
Ath_2014_18_64_Dial.arxx	Cpl_2014_17_32_Main.arxx	Cpl_2014_19_64_Mfc.dll
Ath_2014_18_64_ES.dll	Cpl_2014_17_32_Mfc.dll	Cpl_2014_19_64_Modeler.dbxx
Ath_2014_18_64_Logi.arxx	Cpl_2014_17_32_Modeler.dbxx	Cpl_2014_19_64_Net.dll
Ath_2014_18_64_Mfc.dll	Cpl_2014_17_32_Net.dll	Cpl_2014_19_64_NetBase.dll
Ath_2014_18_64_Net.dll	Cpl_2014_17_32_NetBase.dll	Cpl_2014_19_64_Obj.dll
Ath_2014_18_64_NetCommands.dll	Cpl_2014_17_32_Obj.dll	Cpl_2014_19_64_Solid.dbxx
Ath_2014_18_64_Norm.arxx	Cpl_2014_17_32_Solid.dbxx	Cpl_2014_20_32_Bar.arxx
Ath_2014_18_64_Obj.dll	Cpl_2014_17_64_Bar.arxx	CPL_2014_20_32_BarDBX.dbxx
Ath_2014_19_32_Base.Arxx	CPL_2014_17_64_BarDBX.dbxx	Cpl_2014_20_32_Base.dll
Ath_2014_19_32_CSharp.dll	Cpl_2014_17_64_Base.dll	Cpl_2014_20_32_Data.dll
Ath_2014_19_32_Dial.arxx	Cpl_2014_17_64_Data.dll	Cpl_2014_20_32_Dbx.dbxx
Ath_2014_19_32_Es.dll	Cpl_2014_17_64_Dbx.Dbx	Cpl_2014_20_32_kernel.dll

Ath_2014_19_32_Logi.arx	Cpl_2014_17_64_Kernel.dll	Cpl_2014_20_32_Main.Arxx
Ath_2014_19_32_Mfc.dll	Cpl_2014_17_64_Main.arx	Cpl_2014_20_32_Mfc.dll
Ath_2014_19_32_Net.dll	Cpl_2014_17_64_Mfc.dll	Cpl_2014_20_32_Modeler.dbx
Ath_2014_19_32_NetCommands.dll	Cpl_2014_17_64_Modeler.dbx	Cpl_2014_20_32_Net.dll
Ath_2014_19_32_Norm.arx	Cpl_2014_17_64_Net.dll	Cpl_2014_20_32_NetBase.dll
Ath_2014_19_32_Obj.dll	Cpl_2014_17_64_NetBase.dll	Cpl_2014_20_32_Obj.dll
Ath_2014_19_64_Base.Arxx	Cpl_2014_17_64_Obj.dll	Cpl_2014_20_32_Solid.dbx
Ath_2014_19_64_CSharp.dll	Cpl_2014_17_64_Solid.dbx	Cpl_2014_20_64_Bar.arx
Ath_2014_19_64_Dial.arx	Cpl_2014_18_32_Bar.arx	CPL_2014_20_64_BarDBX.dbx
Ath_2014_19_64_Es.Dll	CPL_2014_18_32_BarDBX.dbx	Cpl_2014_20_64_Base.dll
Ath_2014_19_64_Logi.arx	Cpl_2014_18_32_Base.dll	Cpl_2014_20_64_Data.dll
Ath_2014_19_64_Mfc.dll	Cpl_2014_18_32_Data.dll	Cpl_2014_20_64_Dbx.dbx
Ath_2014_19_64_Net.dll	Cpl_2014_18_32_Dbx.Dbx	Cpl_2014_20_64_kernel.dll
Ath_2014_19_64_NetCommands.dll	Cpl_2014_18_32_Kernel.dll	Cpl_2014_20_64_Main.Arxx
Ath_2014_19_64_Norm.arx	Cpl_2014_18_32_Main.arx	Cpl_2014_20_64_Mfc.dll
Ath_2014_19_64_Obj.dll	Cpl_2014_18_32_Mfc.dll	Cpl_2014_20_64_Modeler.dbx
Ath_2014_20_32_Base.Arxx	Cpl_2014_18_32_Modeler.dbx	Cpl_2014_20_64_Net.dll
Ath_2014_20_32_CSharp.dll	Cpl_2014_18_32_Net.dll	Cpl_2014_20_64_NetBase.dll
Ath_2014_20_32_Dial.arx	Cpl_2014_18_32_NetBase.dll	Cpl_2014_20_64_Obj.dll
Ath_2014_20_32_Es.Dll	Cpl_2014_18_32_Obj.dll	Cpl_2014_20_64_Solid.dbx
Ath_2014_20_32_Logi.arx	Cpl_2014_18_32_Solid.dbx	cpl_desk.fas
Ath_2014_20_32_Mfc.dll		cpl_dial.fas
Ath_2014_20_32_Net.dll		cpl_g.fas
Ath_2014_20_32_NetCommands.dll		cpl_lib.fas
Ath_2014_20_32_Norm.arx		cpl_obj.fas
Ath_2014_20_32_Obj.dll		

c1 2014-03-12

Error rectification

- In some conditions error messages were obtained with time-limited licenses. This is no longer the case.
- The wrong help appeared for the function "Export NC-X". The correct help is now shown.
- Some Fischer anchors (FAZ) contained an incorrect plain washer. Now they have a matching one.
- Certain Würth anchors (W-UR and W-UR F") did not include the associated screw. Now it is included.
- With the function "Thermal analysis" some sections could not be calculated which previously had been correctly calculated. The problem no longer exists.
- Joint elements in the plan view were not printed when the option "Overwrite layer properties in the viewports" was deactivated. This now works correctly.
- Certain folds in a development which were output with the command "Sheet processing" were located on the wrong layer. Now they are output on the correct layer.
- With the "Sheet processing" function Alucobond cross sections were imported with an incorrect viewed side in some circumstances. This no longer occurs.
- Locked axis values in the facade viewing function changed in some circumstances. The axis values now remain locked.
- On importing materials from DEX files which were generated with ATHENA 2010 the associated fold tables were omitted in certain cases. This problem has been rectified.

- The dimension lines of levels were not taken into account with the AutoCAD Stretch command. They are now also stretched.
- Performance problems on switching on the "Filter" option in the dialog of "Use bar assembly" have been resolved.
- External dimensions with sheets with folds greater than 90° were not adopted correctly in the sheet processing when importing sheet metal sections. The dimensions now match.
- Certain insert elements generated with ATHENA 2010 could not be edited. This is now possible.
- The order of the cutting distances for the variant "Profiled butt" was not correctly maintained. This no longer occurs.
- Libraries in the new OLBx format could not be saved in some situations. This now works correctly.
- An NCW file could not be saved if a space character was included in the file name. Space characters are now allowed.
- When dividing sheets with the "Divide objects" command, sometimes the divided sheet sections were displaced. This is no longer the case.
- The error message on picking up a counterbore depth of a hole from the drawing no longer appears.
- If some spacers were covered with material-dependent hatching and thereafter the ATHENA objects were deactivated, the displayed hatching changed. This is not now the case.
- Section symbols with the "Over line" option are now implemented similarly to the preview in the dialog in the drawing
- Some processes with the NCX output were not output correctly. The problem no longer occurs.
- Various small error corrections have been carried out.

Improvements

- English, French, Spanish, Italian, Dutch and Russian translation have been complemented.
- With the "Membrane" command closed AutoCAD objects can now be selected and the resulting membrane is also closed.
- The Peiner profiles have been complemented by the series HSL100, HE and HL.
- If a labeled hole had been edited and changed to an elongated hole, the width of the elongated hole was omitted in the label. It had to be turned on separately later. The width is now output directly after editing.
- The legend for a sheet development generated by sheet processing has been changed such that the line type factor does not change with respect to the currently set line type factor. For this the lengths of the lines representing the folding direction have been doubled. This ensures that a broken or a dot-dash line is illustrated as such.
- The accuracy of angular dimensions generated with the "Dimension object" command can now be set in AutoCAD via the current dimension style.
- The radii of steel tubes (EN10219) are now implemented according to the corresponding standard.
- Welded studs have been completed and further current standards added.
- Improvements to the LogiKal interface.

ATHENA 2014 - Changes Log



Modified files:

Ath_\$fid.blk	ath_bar.fas	Cpl_2013_18_64_Modeler.dbx
ath_\$hlt.blk	ath_bgr.FAS	Cpl_2013_18_64_Net.dll
ath_0000.fas	ath_c3d.FAS	Cpl_2013_18_64_Obj.dll
Ath_2014_17_32_Base.arx	ath_dim.fas	Cpl_2013_18_64_Solid.arx
Ath_2014_17_32_CSharp.dll	ath_easy.fas	Cpl_2014_18_64_NetBase.dll
Ath_2014_17_32_Dial.arx	ath_edit.fas	Cpl_2014_18_64_Obj.dll
Ath_2014_17_32_Es.dll	ath_elem.fas	Cpl_2014_18_64_Solid.dbx
Ath_2014_17_32_Logi.arx	ath_hlbz.fas	cpl_2013_19_32_bar.arx
Ath_2014_17_32_Mfc.dll	ath_init.fas	Cpl_2013_19_32_Base.dll
Ath_2014_17_32_Net.dll	ATH_LOGI.fas	Cpl_2013_19_32_Data.dll
Ath_2014_17_32_NetCommands.dll	ath_mat.fas	Cpl_2013_19_32_kernel.dll
Ath_2014_17_32_Norm.arx	ath_nm.slb	Cpl_2013_19_32_Main.Arxx
Ath_2014_17_32_Obj.dll	ath_norm.dex	Cpl_2013_19_32_Mfc.dll
Ath_2014_17_64_Base.arx	ath_obj.fas	Cpl_2013_19_32_Modeler.dbx
Ath_2014_17_64_CSharp.dll	ath_pane.fas	Cpl_2013_19_32_Net.dll
Ath_2014_17_64_Dial.arx	ath_run.dcl	Cpl_2013_19_32_Obj.dll
Ath_2014_17_64_ES.dll	ath_run.rsx	Cpl_2013_19_32_Solid.arx
Ath_2014_17_64_Logi.arx		cpl_2013_19_64_bar.arx
Ath_2014_17_64_Mfc.dll	Cpl_2014_17_32_Bar.arx	Cpl_2013_19_64_Base.dll
Ath_2014_17_64_Net.dll	CPL_2014_17_32_BarDBX.dbx	Cpl_2014_18_64_Bar.arx
Ath_2014_17_64_NetCommands.dll	Cpl_2014_17_32_Base.dll	CPL_2014_18_64_BarDBX.dbx
Ath_2014_17_64_Norm.arx	Cpl_2014_17_32_Data.dll	Cpl_2014_18_64_Base.dll
Ath_2014_17_64_Obj.dll	Cpl_2014_17_32_Dbx.Dbx	Cpl_2014_18_64_Data.dll
Ath_2014_18_32_Base.arx	Cpl_2014_17_32_Kernel.dll	Cpl_2014_18_64_Dbx.Dbx
Ath_2014_18_32_CSharp.dll	Cpl_2014_17_32_Main.arx	Cpl_2014_18_64_Kernel.dll
Ath_2014_18_32_Dial.arx	Cpl_2014_17_32_Mfc.dll	Cpl_2014_18_64_Main.arx
Ath_2014_18_32_Es.dll	Cpl_2014_17_32_Modeler.dbx	Cpl_2014_18_64_Mfc.dll
Ath_2014_18_32_Logi.arx	Cpl_2014_17_32_Net.dll	Cpl_2014_18_64_Modeler.dbx
Ath_2014_18_32_Mfc.dll	Cpl_2014_17_32_NetBase.dll	Cpl_2014_18_64_Net.dll
Ath_2014_18_32_Net.dll	Cpl_2014_17_32_Obj.dll	Cpl_2014_19_32_Bar.arx
Ath_2014_18_32_NetCommands.dll	Cpl_2014_17_32_Solid.dbx	CPL_2014_19_32_BarDBX.dbx
Ath_2014_18_32_Norm.arx	Cpl_2014_17_64_Bar.arx	Cpl_2014_19_32_Base.dll
Ath_2014_18_32_Obj.dll	CPL_2014_17_64_BarDBX.dbx	Cpl_2014_19_32_Data.dll
Ath_2014_18_64_Base.arx	Cpl_2014_17_64_Base.dll	Cpl_2014_19_32_Dbx.dbx
Ath_2014_18_64_CSharp.dll	Cpl_2014_17_64_Data.dll	Cpl_2014_19_32_kernel.dll
Ath_2014_18_64_Dial.arx	Cpl_2014_17_64_Dbx.Dbx	Cpl_2014_19_32_Main.Arxx
Ath_2014_18_64_ES.dll	Cpl_2014_17_64_Kernel.dll	Cpl_2014_19_32_Mfc.dll
Ath_2014_18_64_Logi.arx	Cpl_2014_17_64_Main.arx	Cpl_2014_19_32_Modeler.dbx
Ath_2014_18_64_Mfc.dll	Cpl_2014_17_64_Mfc.dll	Cpl_2014_19_32_Net.dll
Ath_2014_18_64_Net.dll	Cpl_2014_17_64_Modeler.dbx	Cpl_2014_19_32_NetBase.dll
Ath_2014_18_64_NetCommands.dll	Cpl_2014_17_64_Net.dll	Cpl_2014_19_32_Obj.dll
Ath_2014_18_64_Norm.arx	Cpl_2014_17_64_NetBase.dll	Cpl_2014_19_32_Solid.dbx
Ath_2014_18_64_Obj.dll	Cpl_2014_17_64_Obj.dll	Cpl_2014_19_64_Bar.arx
Ath_2014_19_32_Base.Arxx	Cpl_2014_17_64_Solid.dbx	CPL_2014_19_64_BarDBX.dbx
Ath_2014_19_32_CSharp.dll	Cpl_2014_18_32_Bar.arx	Cpl_2014_19_64_Base.dll
Ath_2014_19_32_Dial.arx	CPL_2014_18_32_BarDBX.dbx	Cpl_2014_19_64_Data.dll
Ath_2014_19_32_Es.Dll	Cpl_2014_18_32_Base.dll	Cpl_2014_19_64_Dbx.dbx
Ath_2014_19_32_Logi.arx	Cpl_2014_18_32_Data.dll	Cpl_2014_19_64_kernel.dll
Ath_2014_19_32_Mfc.dll	Cpl_2014_18_32_Dbx.Dbx	Cpl_2014_19_64_Main.Arxx
Ath_2014_19_32_Net.dll	Cpl_2014_18_32_Kernel.dll	Cpl_2014_19_64_Mfc.dll
Ath_2014_19_32_NetCommands.dll	Cpl_2014_18_32_Main.arx	Cpl_2014_19_64_Modeler.dbx
Ath_2014_19_32_Norm.arx	Cpl_2014_18_32_Mfc.dll	Cpl_2014_19_64_Net.dll
Ath_2014_19_32_Obj.dll	Cpl_2014_18_32_Modeler.dbx	Cpl_2014_19_64_NetBase.dll
Ath_2014_19_64_Base.Arxx	Cpl_2014_18_32_Net.dll	Cpl_2014_19_64_Obj.dll
Ath_2014_19_64_CSharp.dll	Cpl_2014_18_32_NetBase.dll	Cpl_2014_19_64_Solid.dbx

ATHENA 2014 - Changes Log



Ath_2014_19_64_Dial.arx	Cpl_2014_18_32_Obj.dll	cpl_bgr.FAS
Ath_2014_19_64_Es.Dll	Cpl_2014_18_32_Solid.dbx	cpl_desk.fas
Ath_2014_19_64_Logi.arx	cpl_2013_18_64_bar.arx	cpl_dial.fas
Ath_2014_19_64_Mfc.dll	Cpl_2013_18_64_Base.dll	cpl_dim.fas
Ath_2014_19_64_Net.dll	Cpl_2013_18_64_Data.dll	cpl_g.fas
Ath_2014_19_64_NetCommands.dll	Cpl_2013_18_64_Kernel.dll	cpl_g3d.fas
Ath_2014_19_64_Norm.arx	Cpl_2013_18_64_Main.arx	cpl_lib.fas
Ath_2014_19_64_Obj.dll	Cpl_2013_18_64_Mfc.dll	cpl_mat.fas
		cpl_obj.fas
		cpl_run.rsx
		cpl_sheet.fas