SYMBOLICA I SYMBOLICA-Extract

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Application description

General

The primary gloals for the development of SYMBOLICA were and are on the one hand a structuring and, on the other hand, analyses and of existing drawings.

Basically trouble arises by handing over of engineering plans by the following aspects:

- Different office standards between different companies
- Different CAD systems between different companies
- Different AutoCAD addin-applications / tools
- Low education of the CAD employees
- Outdated data, at that time by slightest mightiness of CAD software less structured

Additional advantages in drawings arise at all places which use more than just paper:

- Automated parts lists, which can also be included in:
- Cost calculation, material lists, ...
- Production control (CNC, ordering system.)
- Lists for documentation management systems
- Building administration / Facility management

SYMBOLICA is a product of Ingenieur Studio HOLLAUS which is a developer and licenser of the software basing on AutoCAD (current Symbolica version is built for AutoCAD 2007, for older versions you can request the previous setup).

Licenser

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Regulations of utilization

The regulations of utilization are obviously from the license term attached to the software.

If the licensee has received the license for the use from the company OMV AG, the use is limited to the editing of drawings whose production / editing were instructed by the OMV.

Installation

Installation

Authorization / login

For the installation it is absolutely necessary that AutoCAD Version 2007 is installed and executable and you are logged in with a username in the system which has same rights as the administrator has (under Windows2000/XP main user has enough rights).

Uninstalling of previous versions

- If older versions of SYMBOLICA are installed, it is not necessary to remove/uninstall them as well as you can use older versions of AutoCAD parallel to version 2007.
- To remove the older version goto Windows SystemControl → Software, look for the item "ISH_Loader", activate it and click on 'remove'. After the deinstallation has finished you can remove the directory (if you have installed with standardoptions)

C:\Programme\ISHAcadAppsBase (if running german version of Windows:)

C:\Program Files\ISHAcadAppsBase (if running english version of Windows)

IMPORTANT: if you have modified any files within that direcory you should first create a backup of your modified data.

You should also be carefull of using symbols defined with new SYMBOLICA as they may be saved with the fileformat of AutoCAD 2007 which is not readable by older AutoCAD-versions.

Installation

In Windows explorer change to the directory, where the temporary setup-files are stored

In the following as 'C:\Temp\SymbolicaSetup' designated, this can differ on your system by another drive/directory name depending of where you have these files placed.

IMPORTANT: it is necessary to have these directory copied onto a local drive, starting the setup from a network-drive could result in an permission-error.

 Within that directory you find a subdirectory 'ISH_AcConfNET' an in that directory the Installation-/Updatetool called ISH_AcConfNET.exe. Double-Click it to get the Setup-Dialog.



• The Dialog for the setup-process will startup:

🖗 ISH_AcConfNET		
Basic-Options 💁	Basic-Options	
Install ISH-Applications	🎯 Select Language	Select Language
Configure AutoCAD		C:\Programme\ISHAcadAppsBaseNET 🔄 stort
Internet-Update	Sinstall BasicModules from	C:\TEMP\SymbolicaSetup
	SH-BasicPrograms not installed yet	start
	Select first the language for this installation-dialog Then select the destination-directory, into which I	he ISH-Applications have to be installed (default: 'C:\Program Files\ISHAcadAppsBaseNET') and
	Press 'start' in the same line on the right side. After that you have to make a basic-install, for the directories and copy the files from given source d	at select the directory where to copy basic-programs from and press 'start'. That creates the necessary
	Having done all that should switch all icons to gre	seeds, showing that everything was done well.
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		Ingenieur Studio HOLLAUS A-3100 SLPOtten, Brandströmgasse 10 (+43 864 3387159 si +43 864 773387159 office@holaus.at www.hclaus.at

First select the language the dialog should have

• Create the ISHAcadAppBaseNET-directory

This is the directory, where the ISH-Applications/-modules should be installed to, the default (preconfigured) directories are:

:\Programme\ISHAcadAppsBaseNET	(on gernan versions of	Windows)
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C:\Program Files\ISHAcadAppsBaseNET (on english versions of Windows)

If you want to change this directory, click on the 'select directory'-button, choose another one as your destination of ISH_Applications/-modules.

Press 'start' right beside in the same line, this will create the directory as base for the next steps.

Install Basic-Modules

С

After having defined the destination-directory you should just press 'start' one line below. This will create directories and files, which are at least necessary to do the ISH-Applications setup.

• Finalized installation of Basic-Modules

Having done the above steps, every icon should have changed to green, that gives the confirmation that all basic steps have finished successfully.

🖗 ISH_AcConfNET				
Basic-Options 💧	Ba	sic-Options		
Install ISH-Applications	8	Select Language	English	
Configure AutoCAD	6	Create ISH-ApplicationsDirectory	C:\Programme\ISHAcadAppsBaseNET	start
Internet-Update	\$	Install BasicModules from	C:\TEMP\SymbolicaSetup	otert
	8	ISH-BasicPrograms already installed		siuri

Install ISH-Applications/-modules

Click on 'Install ISH-Applications' on the left side of the dialog (the content of the screenshot may differ to your installation-dialog)

🛱 ISH_AcConfNET	
Basic-Options 🕹	Install additional ISH-Applications and -modules
Install ISH-Applications	Source-Directory (where to copy from)
Configure AutoCAD	Modules/Applications to install (SourceDir)
Internet-Update	☑ C.\TEMP\SymbolicaSetup\ISH_BlockCalcAtt ☑ ☑ C.\TEMP\SymbolicaSetup\ISH_BlockDefUpdate □ ☑ C.\TEMP\SymbolicaSetup\ISH_LayerStrukturDialog □ ☑ C.\TEMP\SymbolicaSetup\ISH_EferencedAttributes □ ☑ C.\TEMP\SymbolicaSetup\ISH_TextLesbar start ☑ C.\TEMP\SymbolicaSetup\ISH_TextLesbar start
	Within this dialog you install ISH-Applications/-modules. To run this installation it is necessary to have completed the basic-installation.
	destination-directory defined in dialog 'Basic Options'. After having selected the source-directory you get a list of available ISH-Applications/-modules, within that list you can select/unselect what modules you want to install. Then click on 'start' to beginn the installation.
	Ingenieur Studio

Click on 'start' to copy the marked ISH-Applications/-modules to the destination-directory, under normal conditions you will not have to check/uncheck individual modules, all will be activated.

Configure AutoCAD

Click on 'Configure AutoCAD' on the left side of the dialog. Within this part of the installation the setup-programm will set all AutoCAD-specific options, load menues and register modules. Therefor it is necessary that you start AutoCAD (only one session) and set the profile active in which you want to run the ISH-Applications/-modules.

🖗 ISH_AcConfNET		
Basic-Options 💧	Prepare AutoCAD to load all ISH-Applications, their modules and menues	
Install ISH-Applications	Please start AutoCAD with that profile, into which the ISH-Applications should be loaded, then click on 'start'	start
Configure AutoCAD	ISH-Applications to load	
Internet-Update		
		start

Start AutoCAD and press 'start' in the first line.

😪 ISH_AcConfNET		<u>_ ×</u>
Basic-Options 💧	Prepare AutoCAD to load all ISH-Applications, their modules and menues	
Install ISH-Applications	Please start AutoCAD with that profile, into which the ISH-Applications should be loaded, then click on 'start'	start
Configure AutoCAD	ISH-Applications to load	
Internet-Update	✓ C:\Programme\SHAcadAppsBaseNET\ISH_BlockCalcAtt ✓ C:\Programme\SHAcadAppsBaseNET\ISH_BlockDefUpdate	
	C:\Programme\ISHAcadAppsBaseNET\ISH_LayerStrukturDialog C:\Programme\ISHAcadAppsBaseNET\ISH ReferencedAttributes	
	C:\Programme\ISHAcadAppsBaseNET\ISH_TextLesbar	start

• Select ISH-Applications to be loaded

After you started AutoCAD and clicked to the 'start' in the first line you will get a list of modules that you want to be registered in the current profile of AutoCAD.

Just press 'start' right beside the list of installable ISH-Applications/-modules.

AutoCAD should load all menues you selected, the installation is finished, you can quit ISH_AcConfigNET.exe and delete the temporary directory from which you installed from.

IMPORTANT: if you installed new applications which are to be registered, you will get the requests of the authorization-codes at the next start of AutoCAD. Make a screenshot and send this sreenshot together with company-name, -address, contact person, phone and mail-adress to 'hotline@hollaus.at' the auth.-code will be returned as fast as possible. In the meantime you can work with AutoCAD with another profile.

Update via Internet

Start ISH_AcConfNET.exe from your <installation-directory>\ISH_AcConfNET



Activate Internet-Update

As all installation has allready be done, you can jump directly to internet-update by cklicking on 'Internet-Update'-button on the left side.

🖗 ISH_AcConfNET	
Basic-Options 💩	Internet-Update
Install ISH-Applications	ISH-Applications to check for updates
Configure AutoCAD	ISH_AcConfNET ISH_BlockCalcâtt
Internet-Update	
	✓ ISH_LayeSubtrabulg ✓ ISH_ReferencedAttributes
	ISH_TextLesbar storf ISH_Update
	SymbolicaNET
	Here you can receive updates via internet, it is necessary that you have finished at least all under 'Basic Options' and also no AutoCAD-session is
	Just select the ISH-Applications/-modules for which you want to check for updates and press 'start'.
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	Ingenieur Studio HOLLAUS A-3100 SLPötten, Brandströmgesse 10 t H-3 664 3387159 al H-3 664 773387159 office@nolecus.at www.hollaus.at

You will get a list of your installed options, check/uncheck them to decide which of them to check for updates. Then press 'start' to initialize the update-process. The time of getting all updated depends on your internet-access speed.

IMPORTANT: There has to be no AutoCAD-session running, if so, stop it first.

IMPORTANT: if you have made any modifications, for example to symbols, make sure to have first created a backup of these files as they will be overridden without any question.

It maybe possible that the update-process needs to end ISH_AcConfNET, don't worry about it, the installation of the updates will get finished without this open dialog.

Application manual

Bī

SYMBOLICA offers 2 basic procedures:

- $\circ~$ construction of symbols ~/ blocks with attributes (for text information)
- o automated replacement of existing (non-structured) geometry/text by symbols

SYMBOLICA-Extract:

• Output of the information in and about the drawing in various file formats

ISH_LayerStrukturDialog

• Offers in an easier way the possibility to control layer status for whole groups

General

Starting / Ending of SYMBOLICA

- One single menu button has been added by the loading of the SYMBOLICA menu: SYMBOLICA load:
 - the SYMBOLICA interface will be loaded and all AutoCAD monitoring functions (see block replace, -paste) are active

SYMBOLICA unload:

 unloading SYMBOLICA will not be necessary anymore, if you want to you can first close the SYMBOLICA-Window and then type the command 'SymbolicaUnload'.

SYMBOLICA-Dialog

Handling

- Parallel to the new AutoCAD-handling of tool-palettes the new dialog of SYMBOLICA is dockable to the border of the AutoCADwindow or to other tool-palettes, resizeable and minimizable as other tool-palettes do.
- The SYMBOLICA-userinterface is divided into 4 groups:
- X
 SingleCharto Textime

 Tolerance:
 Image: Align FIT

 Image: Align FIT
 Image: Align FIT

 Image: Align FIT
 Image: Align FIT

 Rescale AttributePosition
 Image: Align FIT

 New ScaleFactor:
 1.0

 Scale AttributePosition
 Image: Align FIT

 CounceNdWG
 Plotter

 Scaled Print/Plot
 Scale

 CounceNdWG
 Plotter

 Plotter:
 Microsoft Office Document Image Writer

 Image: Image:
- MainMenu: where you do the work
- OMVExport to export drawinginformation according to advices of the documentation-system of OMV
- AppProperties: to configure SYMBOLICA
- DevEnv: for use in case of support between user and developer

Configuration

Click on group 'AppProperties' to get to the configuration of SYMBOLICA. All configuration-settings will be saved at AutoCAD-Quit, so setting these properties should only be done once.

Language

SYMBOLICA supports German and English, select your favoured language, the whole dialog will be translated and all messages will come on your prefered language. The selected language must not correspond to the AutoCAD linguistic version.

31	MBOLICA: Program-Configuratio	n	enu
-	UMVEXPORT	*	Mula
	ExportCOO-Layer		ĽŽ
-	Language	English	
	Symbols	Linglish	
	Geom-Gripping	True	¥
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	DoEventsAfterInsert	True	MM
			AppProperties
G if ge	eom-Gripping set, after every Block-Insert/Copy/M sometry underlaying to BlockReferen	iove-action will Symbolica look for existing ce and will grip it (to be more efficient with	DevEnv
_	OMV-int	ernal Authorization	
	6) 6 6 6 7 7	SYMBOLICA Program-Configuratio MVExport ExportCOOLayer Sprache Ianguage Symbols Geom-Gripping SymbolsaseDirectory DoEventsAfterInsert Geom-Gripping If set, after every Block-Insert/Copy/M geometry underlaying to Blockeferen DMV-int	SYMBOLICA. Program-Configuration OMVExport ExportCOO-Layer Sprache Language English Symbols Geom-Gripping Geom-Gripping I set, direr every Block-Insert/Copy/Move-action will Symbolica look for existing geometry underlaying Authorization OMV-internal Authorization

OMVExport

ExportCOOLayer

In this field you can define layers, from which geometry has to be extracted. The default is "*" (star).

The contents of this text field can contain of wild-character ("?" or "*"), by use several Layer names, these Layer names are distinguish by ";" (semicolon)..

Symbols

Geom-Gripping

If activated, at block insert the geometry to be replaced will be selected (griped), see this SYMBOLICA symbols in AutoCAD \square Detection of lying underneath geometry

SymbolBasicDirectory

Directory where the OMV-specific symbols are stored. If this directory is placed under the ISH-ApplicationsPath you can use '<ISHAcadAppsPath>' instead of writing the whole pathname of the installation-directory. Under normal circumstanced (default installation) this directory-setting is prepared correctly.

DoEventsAfterInsert

If activated, SYMBOLICA takes over the control about AutoCAD after block-insert- and -editing functions. With deactivation of this setting SYMBOLICA discontinues the monitoring of the AutoCAD function, remains as in application, however, loaded.

SYMBOLICA Blocks in AutoCAD

One of the main functions of SYMBOLICA is exchanging existing (unstructured) geometry into a new structured form, besides, blocks by evaluation play a special role. With the block creation functions you create symbols, with AutoCAD commands you insert/copy blocks in the drawing to be reworked and SYMBOLICA takes over the necessary operations.

The action signifies simply expressed, place your blocks above existing geometry, SYMBOLICA take over the tasks to take over text information (text of the underlaying geometry will be saved into block-attributes) and you following delete the "oversubscribed" geometry.

Basic

 SYMBOLICA monitors functions which are executed in AutoCAD together with blocks. Besides, it is checked constantly if symbols come to lie above existing geometry elements, be it by insert a new Block, by moving, copy or something like that.

IMPORTANT: AutoCAD-based applications can execute this running command monitoring only if the file was opened as an existing file. That's why it is necessary at the creation of a new file to save, to close and to reopen. To us was assured by Autodesk that they take care around a solution of this problem very much. As soon as there is a solution, we will update Symbolica immediately.

- This check is only executed, if the setting under AppProperties → Symbols → DoEventsAfterInsert.
- Only with this functionality it is possible for the user, to transfer a plan from single geometry to a modern structured drawing very actual, quick and under highest possible error exclusion.
- If the check proves a positive result (single geometry lies under new placed block), the following steps are executed:

Detection of lying underneath factually information

• On each position of every attribute in the new placed symbol lying underneath texts or attributes are searched.

IMPORTANT: requirement for this is the putting of the AutoCAD-system variable "ATTREQ" to "0" (null).

If those are identified and as allocatable valued, the new attributes receive automatically the factually information from the elements under it.

INFORMATION: With the insert of new blocks with manual attribute declared value "ATTREQ" must be set before on "1" the user is thereby queried after the new attribute contents.

TIP: the query of the block attributes in the text line occurs through setting of the variable "ATTDIA" on "0" (null), should the query occur over dialog box, "ATTDIA" is to be placed on "1".

Detection of lying underneath geometry

All elements which lie completely under the new symbol are selected (AutoCAD: grips). This selection serves the user to recognize the correctness of the selection (by the replacement to elements to be deleted) visually fast and to delete with the button "Del". This selection occurs only, if in the setting under AppProperties → Symbols → Geom-Gripping is activated.

MainMenu

In the MainMenu-part the routines are placed which simplify the work with AutoCAD generally and with blocks especially.

SingleChar to Textline

 If have been written in the drawing to be reworked a text from single characters (e.g.,

×	SingleChar	to Text	line			Z
	Tolerance:		0,5 🖌 Align FIT			ainMer
	Rescale Att	ributes				Σ
	New ScaleFa	ctor:	1.0 □ Scale Attr ✓ Set Textw	ibutePosition vidth to 1.0	AT et.	
	Scaled Prin	t/Plot				xpot
	 CurrentD Multiple D 	WG WGs	 Plotter TIFF-File(s) 	☐ Scale LineWeight	<u>ý</u>	OMVE
	Plotter:	Microso	oft Office Document	t Image Writer	▼ Benutzerdefinier ▼	-
	Tools	- Ria				perties
F	A L		* 🛛 🖾			AppPro

earlier for microfilming sometimes assigned), it would be necessary in order to convert the whole text to an attribute, to convert these single letter-geometry elements to one text element. Nevertheless, the existing text must be arranged within the tolerance to be entered (distance from horizontal).

Start the function and select the elements which should be concatenated

• The setting "Align FIT" controls the alignment property of the text in AutoCAD:

Active: the text generated anew is stretched so far that the length of the new text of the distance corresponds between the first and last original character.

Not active: the new text is constructed in the position of the first original character with the alignment attribute flush left.

Rescale Attributes

 By scaling blocks, also the attributes will be scaled, it means that attributes will be resized with the same scaling factor, if X or Y scaling are different, then the aspect ratio will be calculated by the X-Y ratio.

With "Attributes scaling" the attribute becomes scaled independent of the block scaling in proportion to original size. With the value "1" the original type size becomes in accordance with Block definition recovered.

"Scale Attribute position "causes that the new scaling is calculated in proportion to block insertion point (the distance to the block base point likewise becomes scaled), otherwise the attribute maintains their own insertion point.

",Set TextWidthFaktor to 1.0 " helps in distorted blocks (e.g., X-Scale = 3 to Y-Scale = 6) put back the relation character font wide to character font height again on 1.0.

Scaled Printing/Plot

Here drawings can be scaled on plotter or in form of a raster file displayed.

The drawing elements in the model range are drawn basically always 1:1, with this option the user receives the easy possibility to display the data from the model range of AutoCAD scaled on printer/plotter or to save as raster files (TIFF).

Options:

Current DWG: the drawing currently opened in AutoCAD has to be written (to plotter or to file) Multiple DWG's: all drawings which are saved in the folder under "Directory of DWG files to Print/Plot" are opened with AutoCAD, then written to plotter/to file and again closed. Plotter: it is written to the plotter which is given in the accompanying PC3 choice, after the choice of the PC3 file (plotter definition) the suitable page setup can be selected. The page setup determines with it also the scaling of model range-borders for paper size. TIFF-file(s): the drawing contents are saved as a TIFF file, the scaling arises from the drawing borders and the accompanying Tiff pixel entry. scale Lineweight: with this option the user determines whether the line weights with the scaling drawing with output format scaled by or the line strengths are preserved.

In addition is to be mentioned that the output of several files is possible only as TIFF files and not in the direction of plotter.

With entry of several drawings and with it to the directory in which these files are removed is to be paid attention to the fact that these files are not opened on another workplace.

The TIFF files are saved always in the same directory like the drawing with changed extension.

Update description blocks

Symbols can be formed so that the attributes of different blocks update themselves mutually.

In the range of equipment-symbols of the OMV symbols, e.g., the block "swimming roof tank quietened "is seated and his attributes are filled completely. With the insert of the matching labeling block "OMV_EQUIP_T_RAHMEN" is enough filling the first attribute "TAG_NUMMER_OMV02", this attribute must have the same value like the equipment icon. The remaining attributes are taken over with loaded Symbolica immediately independently.

Automatic taking over of the attribute information of another block is also carried out by update by attribute information. It is important that Symbolica is loaded and that the attributes in each case in the "active" block (in this case the equipment block is the "active" block, the labeling block "passive").

If updates have been carried out in the attributes, while Symbolica was not active, then it is possible with "update" under global tools to check all block attributes.

Text readably rotate

If attributes or texts stand in a non-readable direction, this is aimed with "Rotate" anew. Texts and attributes rotate when required on 180 ° and, besides, maintain their position.

For block attributes there is a configuration file (To set in SYMBOLICA→CONFIG) which is rotated for every block one of the following settings, how "readably" specifies:

- 0... attribute is rotated in itself
- 1... attribute is rotated around Block-InsertionPoint
- 2 ... whole block is rotated

Visibility of Blockreferences

To simplify the overview which geometry elements were already converted to blocks, all blocks of the drawing can be switched with these functions obviously or invisibly.

CARE: if the drawing is saved, the function "turn on blocks" must ed out before. Otherwise, it would not be possible for other editors of this plan recovering the visibility without SYMBOLICA.







Visibility of Attributes

You can now switch each visible attribute to invisible by starting the function and select the attribute to hide. To unhide (as the attribute isnot selectable any more) you have to select the block from which all hidden attributes have to get visible.

IMPORTANT: if the drawing is saved with hidden attributes, the only way to make them visible is to use SYMBOLICA or application-programming. A user with standalone AutoCAD will not be able to get the hidden attributes back.

Visibility of Xref-depending drawing-borders and -titleblocks

If your current drawings contain Xref's and within them borders and titleblocks you can switch the Xref-depending layers for these elements on and off.

Coloring Xref-depending layer

With that function you get a dialog where you can change colors of Xrefdepending layers. So if you have Xref's in the current drawing, you can for example switch all Xref-depending layercolors to light-grey.

LayerStructureDialog

starts the LayerStructureDialog to rapidly switch structured layers on/off, ۰ freeze/thaw them or to make with a 'readable selection' a layer active, where the layername is not primary readable, but out of a list of structure-characters.

Export (only OMV-edition)

From the analyzable data within the drawing a process exports data in a given OMV structure to make it possible to import the drawing into one (or more) documentmanangement system((s).

The data to be displayed arise from:

- Information in blocks of the drawing
- Information from the title block 0
- User's entries



Export-Version

- In uppermost Pull-down-List the single versions of format descriptions stand for the ۵ choice, it is to be paid attention to the fact that the version most current in each case is selected or the version which is arranged between contractor and principal.
- Within a format description the single variables whose values are to be determined are ٥ stated under it.

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201_Revision	- L	1
202_Dateiname		
203_Benennung		' t
204_Dokumentenart		2
205_Anlagencode		12
207_Projekt		6
208_Zeichnungsnummer		
209_Aenderungsnummer		9
210_OMV_ID		rtie
212_Blatt		d
213_BeschreibungDetailiert		ď
214_Archiv		A
215_Nummer im Archiv		
217_Erstellersystem	-1	
		2
201_Revision		۲ų –
201_Revision (no input)		8
Expor	t CSV - TIF - TXP - VER	11

 These variables are covered to the general structure of the document management system OMV. Not every value is to be specified to jump over such fields automatically and also values which can be read without manual adding from the drawing is beside the values pull down list a function button which unwinds this automatic filling and waits only in the variable positions for user's entries which cannot become reading out from the drawing.

Manuell entry

Manual text entry:

Can be written directly into the field.

Choice from a list of given values:

Select one of the given values by click with the mouse.

Entry of the plot range (last property):

SYMBOLICA passes the activity to AutoCAD by this query, you have to show according to the request in the AutoCAD command line the left lower corner and then the right upper corner.

Š	Export-Config Export-Version: 200	0101_de	•	ainMenu
	201_Revision		▲ .	ź
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Export CSV-TIF-TXP-VER

As soon as the list of the input fields is worked through, the function "export …" gets enabled. Execute the function; SYMBOLICA generates in the same directory like the drawing and with same names (other extension) the files necessary for the document management.

To import data from PDS and from ISketch SYMBOLICA has been extended with an import-routine. This import-process modifies the DWG-files exported from PDS-/ISketch-exporters that the drawing-/layerstructure fulfills the OMV-specifications for drawing-files.

		X	
enu	SingleChar to Textline	<u>8</u>]	
MainM	Tolerance: 0,5 ☑ Align FIT		
<u> </u>	Rescale Attributes		
xport	New ScaleFactor: 1.0 □ Scale AttributePosition AT ✓ Set Textwidth to 1.0		
MVE	Scaled Print/Plot		
Ē	CurrentDWG C Plotter Scale Multiple DWGs TIFE-File(s) LineWeight		
perties	TIFF-Format: A4h		
pPro	Tools		
Å			
Έην	PDS/ Import from: C:\WORK\DEVELOPMENT_DATA200		
De	ISketch: Save to: C:\WORK\DEVELOPMENT_DATA200	Ş	
	Type: ISketch 🔹	JAI V	
ΞX	CurrentFile only		

The import could be done file by file or by specifying a directory with DWG-files that have to be all converted within one step. The converted files will be stored within the directory specified by "Save to", the filename will be set by attributes-data of the titleblock.

• CurrentFile only:

If checked the DWG-file currently loaded (and active) in AutoCAD will be converted, if not marked all DWG-files within the directory "Import from" are processed.

The finished file(s) is(are) stored in the directory given by "Save to".

Type:

With that control the user has to define wether the drawing-file(s) where exported from PDS or from ISketch.

Specials within import-process from PDS:

The import-programm checks, wether there exists a drawing within the destination-directory, having the same name like as it would have when beeing created newly. If so the version-number will be increased and a new file will be created that has the geometry combinded from the PDS-exported file and the "non-PDS" geometry from the existing file in the destination-directory.

WICHTIG: ServicePack2 has to be installed for AutoCAD.

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