

Visu-IT! Tools ADDS AutoCode Interface v1.7

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ADDS Contact

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1 Abstract

The purpose of *"ADDS AutoCode Interface"* is to ease the communication and collaboration of "Visu-IT!" tools (Automotive Data Dictionary: ADD, Data Declaration System: DDS) and external tools (dSpace Data Dictionary: "TargetLink", ETAS "Ascet").

With the aid of a well arranged interface it is possible to transfuse ADD/DDS datasets to TargetLink (based on dSpace Data Dictionary) and Ascet as well as vice versa.



5 Ascet to ADD	6 Ascet to DDS	⑦ TargetLink to ADD	8 TargetLink to DDS

Notice: "ADDS AutoCode Interface" is distributed in each case as an "Add On" to the Visu-IT! Data Declaration System (DDS).

2 Tool Requirements

Minimal: Visu-IT! Data Declaration System (DDS) v8.1.R0 dSpace Data Dictionary v1.3 respectively ETAS Ascet MD v5.2.1

In order to use the full potential of "ADDS AutoCode Interface" the following tools are required:

Visu-IT! Data Declaration System (DDS) v8.1.R0
Visu-IT! Automotive Data Dictionary (ADD) v8.1.R0



- dSpace Data Dictionary v1.4, TargetLink v2.2
- ETAS Engineering Tools
- ETAS Ascet MD v6.1.0



3 Start - up

On the first start of the interface it is necessary to choose the favoured tools. After choosing a tool combination, the interface memorises the last choice automatically by closing the window.

To choose a tool combination, press the appropriate tool button in the "Control Panel":

	Visu-IT! ADDS AutoCode Interface	
	Main 🚮 View 🔍 Extras 🍀 Help 🕖	
	ADDS AutoCode Interface for DDS v5.5 Good Morning ADD Database Administra	ator
Other Tools: TargetLink / Ascet	ADDS TargetLink Interface ADDS Ascet Interface Close	
Visu-IT! Tools: ADD / DDS	Automotive Data Dictionary Data Declaration System © 2008 Visu-IT! Gml	ын

or select the desired transfusion from the menu element "Main":

😵 Visu-IT! ADDS AutoCode Interface					
Main 🚮 View 🔍 Extras 🕯	÷ H	telp 🔟			
MDD 🕨	4%E	-> TargetLink	F1		
DDS 🔸	#KE 	<- TargetLink	F2		
🙆 Options Strg+O	67/6	-> Ascet	F3	ISU	
😮 Close Strg+Q	67/6	<- Ascet	F4	ibase Administrator	
~ Control Panel	67/6	>> SystemConstants of Project	F9		
ADDS TargetLink Interface		>> DB Comparison	F10	Close	
	Ţ	Go Offline Strg+Umschaltta	ste+0		
Automotive Data Dictionary		Data Declaration System	© 2	009 Visu-IT! GmbH	

It is also possible to select a transfusion by pressing an appointed key. (See [Shortcuts])

4 Data Transmission

The interface is designed to relieve the complexity of data transmission between several tools. Therefore the styles of each transmission direction are akin. All around there will be an "Advanced Settings", an "Apply", an "Additional Information" section and a process run – button.

The "Advanced Settings"-button opens a process calibration window. However the "Apply"- button validates and saves the selected process options. Whereas the "Additional Information" section will display detailed information about the selected parameters. Within this a "Settings-Quick Info" will also display the selected "ExistingDBUpdate Mode" and "ContentLevel" in its lower range.

By pressing the menu item "Hide Ctrl. Panel" respectively "Show Ctrl. Panel" of menu option "View" the "Control Panel" will be replaced with a "Quick-Change strip" and vice versa.

Quick-Change strip		 Quic	k-Change area
	ADD export to Ascet!	→	ET/

"Quick-Change strip": Tools and data transfer direction will be change by clicking on the appropriate symbol in the "Quick-Change area".

4.1 ADD to Ascet

Export a selected Visu-IT! ADD Container into a specified ETAS Ascet database. See: Ascet Info window!

ſ	ADD -> Ascet	Additional Information
Select ADD Container!	ADD Container Name AscetTest	Welcome to 'ADD export to Ascet' interface!
Specify Ascet DB path!	C:Wisu-IT!VAscetDB Select	Please select your favoured options. <u>Settings-Quick Info</u> Overwrite -> InstrData
	Advanced Settings Apply	Export ADD - Cnt
Advanced Settings: Ascet im	port from ADD (ADD -> Ascet)	×
Additional Information	MappingFile File path C:\VisuIT!\Mapping Files\ADD2AscetMap.xml Ascet Folder Ascet Project Ascet Module Cont	Select Default
Please select your favoured options!	ADD ADDProject ADDModule Instruction ExistingDBUpdate Mode Treat n-dim. Parameter/Onlines as VALBLK Instruction Overwrite Verbose Yes No Ignore InitValues	Data Yes No Cancel Yes No

"Mapping File Path": Path of the mandatory xml - file which specifies export options!

"*ExistingDBUpdateMode*": Behaviour control on existing Ascet DB.

- Overwrite: Existing database definitions will be overwritten
- KeepExisting: Existing database definitions will be kept
- UpdateOnly: Only existing database definitions will be updated
- **UpdateProject:** Only existing database conversions will be overwritten and definitions will be updated

"ContentLevel":

Behaviour control on DDX content.

- InstrData: Instrumentation Data (online, parameter, map, axis) with there corresponding attributes will be transferred
- AttributesOnly: All 'data types', 'conversions' and 'physical units' will be transferred

- ALL Attributes: Import configuration data (data types, conversions...); Data Objects will not be imported.
- ALL Attributes (incl. obsolete): Import configuration data (data types, conversions...) incl. elments with status 'obsolete'; Data Objects will not be imported. *Hint*: Setting will not be saved!

 "Verbose":
 Start export in verbose mode.

 "IngoreInitValues":
 Physical values will not be exported.

 "Treat n-dim. Parameter/Onlines as VALBLK":

 Parameter and Online Array will be treated as Data Objects with type 'VALBLK'.

"AscetFolder":	Ascet folder name which will be exported.
"AscetProject":	Ascet project name which will be exported.
"AscetModule":	Ascet module name which will be exported.

Export will be started by pressing the "Export ADD - Cnt".



ADDS AutoCode Interface

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4.2 DDS to Ascet

Export a selected Visu-IT! DDS database into a specified ETAS Ascet database.

	DDS -> Ascet	
		Additional Information
Select DDS DB!	Data Declaration System DB C:Wisu-IT!\DDS DB\DDS.gpp Select	Welcome to 'DDS export to Ascet' interface!
Specify Ascet DB!	C:Wisu-IT!VAscetDB Select	Please select your favoured options.
	Advanced Settings Appl	y Export DDS - DB
Advanced Settings: Ascet im	port from DDS (DDS -> Ascet)	X
 Additional Information 	MappingFile File path C:Wisu-ITI\Mapping Files\DDS2AscetMap.xml	Default
Please select your favoured options!	Ascet Folder Ascet Folder Ascet Project Ascet Module DDS DDSProject DDSModule	
	ExistingDBUpdate Mode ContentLevel Verbuilder Verbuilde	ose V Yes No Cancel

"*Mapping File Path*": Path of the mandatory xml - file which specifies export options!

"*ExistingDBUpdateMode*": Behaviour control on existing Ascet DB.

- Overwrite: Existing database definitions will be overwritten
- KeepExisting: Existing database definitions will be kept
- UpdateOnly: Only existing database definitions will be updated
- **UpdateProject:** Only existing database conversions will be overwritten and definitions will be updated

"ContentLevel": Behaviour control on DDX content.

- **InstrData**: Instrumentation Data (online, parameter, map, axis) with there corresponding attributes will be transferred
- AttributesOnly: All 'data types', 'conversions' and 'physical units' will be transfered

"Verbose":	Start export in verbose mode.
"IngoreInitValues":	Physical values will not be exported.
"AscetFolder":	Ascet folder name which will be exported.
"AscetProject":	Ascet project name which will be exported.
"AscetModule":	Ascet module name which will be exported.

Export will be started by pressing the "Export DDS – DB".



4.3 ADD to TargetLink

Export a selected Visu-IT! ADD Container into specified dSpace data dictionary.

	ADD -> TargetLink	
		Additional Information
Select ADD Container! Specify TargetLink DD!	ADD Container Name AscetTest DD File Path C:Wisu-IT!\TargetLinkDD\ADDS.dd Select	Welcome to 'ADD export to TargetLink' interface! Please select your favoured options. <u>Settings-Quick Info</u> Overwrite -> InstrData
	Advanced Settings Apply	Export ADD - Cnt
Advanced Settings: TargetLin	k import from ADD (ADD -> TargetLink)	×
Additional Information	MappingFile File path C:\Visu-IT!\Mapping Files\ADD2TargetLinkMap.xml	Select
Please select your favoured options!	ExistingDBUpdateMode VariantCoding No VariantCoding CreateTypedefOnly (DDBits)	ContentLevel
	Use 'ADDS' 🗹 Yes 📃 No Verbose 🗹 Yes 📃 No Generate M-File only Treat n-dim. Parameter/Onlines as VALBLK 📃 Yes 🔽 No Ignore InitValues	Yes

"Mapping File Path": Path of the mandatory xml - file which specifies export options!

"ExistingDBUpdateMode": Behaviour control on existing dSpace DD.

- Overwrite: Existing database definitions will be overwritten
- KeepExisting: Existing database definitions will be kept
- UpdateOnly: Only existing database definitions will be updated

"ContentLevel":

Behaviour control on DDX content.

- InstrData: Instrumentation Data (online, parameter, map, axis) with there corresponding attributes will be transferred
- AttributesOnly: All 'data types', 'conversions' and 'physical units' will be transferred
- ALL Attributes: Import configuration data (data types, conversions...); Data Objects will not be imported.
- ALL Attributes (incl. obsolete): Import configuration data (data types, conversions...) incl. elments with status 'obsolete'; Data Objects will not be imported. *Hint*: Setting will not be saved!

"VariantCoding": Behaviour control on "Variant" elements.

• No: Variant coding will not be used

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• **ViaArrayOfStruct:** Variant coding will be applied via arrays of structures! The array dimension will be defined by the amount of variant criterias. Every array element corresponds to one variant criteria

- **CreateTypedefOnly (DDBits):** Map DDBits to 'bits'! Depending on the target system, a 'bit' is declared as 'bool', 'logical' etc...
- AddToBitfield (DDBits_BF): Add ADD bits with the attribute 'packedBit' to bitfields. The bits (and bitfields) will be grouped according to their 'accessFrequency'
- AddToBitfield_1Byte(DDBits_BF): As 'AddToBitfield' except: add only 8 bits into a bitfield

"Verbose":	Start export in verbose mode.
"Generate M-File only":	Omit creating dd – file, MATLAB m-files will be created instead!
"IngoreInitValues":	Physical values will not be exported.
"Use 'ADDS":	Add additional property 'ADDS' to the newly created dSpace DD objects;
	Containing "ADD Object" information.

"Treat n-dim. Parameter/Onlines as VALBLK":

Parameter and Online Array will be treated as Data Objects with type 'VALBLK'.

'ADDS' property e.g.: Container name, ADD classification, linked axis...

<ADDS>

```
<ADDSENVIRONMENT Type="Container" Name="AscetTest" Classification="LOCAL"/> </ADDS>
```

Export will be started by pressing the "Export ADD - Cnt".



4.4 DDS to TargetLink

Export a selected Visu-IT! DDS database to a specified dSpace data dictionary.

	DDS -> TargetLink	
		Additional Information
Select DDS DB! Specify dSpace DD!	Data Declaration System DB C:\Visu-IT!\DDS DB\DDS.gpp DD File Path C:\Visu-IT!\T argetLinkDD\ADDS.dd	Welcome to 'DDS export to TargetLink' interface! Please select your favoured options. <u>Settings-Quick Info</u>
Advanced Settings: TargetLi	Advanced Settings Apply hk import from DDS (DD5 -> TargetLink)	Export DDS - DB
- Additional Information	MappingFile File path C:\Visu-ITI\Mapping Files\DDS2TargetLinkMap.xml	Select
Please select your favoured options!	ContentLevel VariantCoding BitHandling ExistingD InstrData V Overwrite	BUpdateMode
	PartialExportViaFunctionMode Generate M-File only With_SubFunctions Verbose	Yes ✓ No Cancel ✓ Yes No OK

"Mapping File Path":

Path of the mandatory xml - file which specifies export options!

"ExistingDBUpdateMode": Behaviour control on existing dSpace DD.

- **Overwrite:** Existing database definitions will be overwritten
- KeepExisting: Existing database definitions will be kept
- UpdateOnly: Only existing database definitions will be updated

"ContentLevel":

Behaviour control on DDX content.

- InstrData: Instrumentation Data (online, parameter, map, axis) with there corresponding attributes will be transferred
- AttributesOnly: All 'data types', 'conversions' and 'physical units' will be transferred

"VariantCoding": Behaviour control on "Variant" elements.

- No: Variant coding will not be used
- **ViaArrayOfStruct:** Variant coding will be applied via arrays of structures! The array dimension will be defined by the amount of variant criterias. Every array element corresponds to one variant criteria



"BitHandling":

Behaviour control on element type.

- **DDBits**: Map DDBits to 'bits'! Depending on the target system, a 'bit' is declared as 'bool', 'logical' etc...
- **DBits_BF:** Map DDBits to 'bits' but additionally remap bitfield-menbers which are 'DDBits' into global definitions on target systems
- LegacyBooleans: When the elemType of a definition contains the token 'BOOL' it will be mapped into target system 'bit'

"Verbose":	Start export in verbose mode.
"IngoreInitValues":	Physical values will not be exported.
"Generate M-File only":	Omit creating dd - file, MATLAB m-files will be created instead!

Import will be started by pressing the "Export DDS - DB".



4.5 Ascet to ADD, only available as evaluation version!

Export a selected ETAS Ascet database to a specified Visu-IT! ADD Container.

	Ascet -> ADD	
		- Additional Information
Select Ascet DB!	Ascet DB C:WisuIT!VAscetDB ADD Container Name Cnt Variant.Version. Revision	Welcome to 'ADD import from Ascet' interface! Please select your favoured
Specify ADD Container!	AscetTest V 1.1.0 V	options.
		Settings-Quick Info Overwrite -> InstrData
	Advanced Settings Apply	Import Ascet - DB
Advanced Settings: Ascet exp	ort to ADD (Ascet -> ADD)	×
Additional Information	MappingFile File path C:Wisu-ITI:Mapping Files\Ascet2ADDMap.xml	Select
Please select your favoured options!	ExistingDBUpdate Mode Overwrite Ascet Folder Ascet Project A	scet Module
	ContentLevel Verbose V Yes No Ignore InitValues	V Yes No OK

"Mapping File Path":

Path of the mandatory xml - file which specifies import options!

"Verbose": Start import in verbose mode.

"AscetFolder":	Ascet folder name which will be imported.
"AscetProject":	Ascet project name which will be imported.
"AscetModule":	Ascet module name which will be imported.

Import will be started by pressing the "Import Ascet - DB".



4.6 Ascet to DDS, only available as evaluation version!

Export a selected ETAS Ascet database to a specified Visu-IT! DDS database.

	Ascet -> DDS	
	- Additional In	formation
Select Ascet DB! Specify DDS DB!	Ascet DB C:\Visu-ITI\AscetDB Data Declaration System DB C:\Visu-ITI\DDS DB\DDS.gpp Select Velcome to Ascet' interfa Please select options.	'DDS import from ace! t your favoured
	Advanced Settings Apply Imp	gs-Quick Info e -> InstrData ort Ascet - DB
Advanced Settings: Ascet ex	port to DDS (Ascet -> DDS)	X
Additional Information	MappingFile File path C:Wisu-IT!\Mapping Files\Ascet2DDSMap.xml Select	Default
Please select your favoured options!	ExistingDBUpdate Mode Ascet Folder Ascet Project DDSModule Dverwrite DDS DDSProject DDSModule ContentLevel Verbose Yes No Ignore InitValues Yes No	Cancel O OK

"Mapping File Path":

Path of the mandatory xml - file which specifies export options!

"Verbose": Start import in verbose mode.

"AscetFolder":	Ascet folder name which will be imported.
"AscetProject":	Ascet project name which will be imported.
"AscetModule":	Ascet module name which will be imported.

Import will be started by pressing the "Import Ascet - DB".



4.7 TargetLink to ADD, only available as evaluation version!

Export a selected dSpace data dictionary to a specified Visu-IT! ADD container.

_	TargetLink -> ADD	
		Additional Information
Select dSpace DD!	DD File Path C:Wisu-IT!\TargetLink.dd Select ADD Container Name Cnt Variant.Version.Revision	Welcome to 'ADD import from TargetLink' interface! Please select your favoured options.
Specify ADD Container!		Settings-Quick Info Overwrite -> InstrData
	Advanced Settings Apply	Import TargetLink - DD
Advanced Settings: TargetLin	k export to ADD (TargetLink -> ADD)	×
Additional Information	MappingFile File path C:\Visu-IT!\Mapping Files\TargetLink2ADD.xml	Select
Please select your favoured options.	ExistingDBUpdateMode Overwrite VariantCoding BitHandling CreateTypedefOnly (Display="block") CreateTypedefOnly (Display="block")	DBits)
	ContentLevel Verbose ✓ Yes No Generate M-File only InstrData Use 'ADDS' ✓ Yes No Ignore InitValues	Yes ✓ No ✓ Yes No

"Mapping File Path":

Path of the mandatory xml - file which specifies import options!

"Verbose":	Start import in verbose mode.
"IngoreInitValues":	Physical values will not be exported.
"Use 'ADDS":	Read and process additional property 'ADDS' of the underlying
	dSpace DD objects.

Import will be started by pressing the "Import TargetLink - DD".



4.8 TargetLink to DDS, only available as evaluation version!

Export a selected dSpace data dictionary to a specified Visu-IT! DDS database.

	TargetLink -> DDS				
				-Additional Inform	ation
Select dSpace DD!	DD File Path C:Wisu-IT!\TargetLink.dd Data Declaration System DB		Select	Welcome to 'DD' TargetLink' interf Please select you	S import from ace! ur favoured
Specify DDS DB!	C:\Visu-ITI\DDS DB\DDS.gpp		Select	options.	
	Advanced Settings		Apply	Overwrite -> I	getLink - DD
Advanced Settings: TargetLi	nk export to DDS (TargetLink -> DDS)				×
	MappingFile File path C:Wisu-ITI/Mapping Files\TargetLink2DDS.xml			Select	Default
Please select your favoured options!	ContentLevel VariantCoding	BitHandling DDBits	ExistingDB	UpdateMode	
	PartialExportViaFunctionMode		Generate M-File only Ignore InitValues Verbose	Yes ✔ No ✔ Yes No ✔ Yes No	Cancel OK

"Mapping File Path":

Path of the mandatory xml - file which specifies import options!

"Verbose": "IngoreInitValues": Start import in verbose mode. Physical values will not be exported.

Import will be started by pressing the "Import TargetLink – DD".



4.9 SystemConstant Export

Based on an ADD export, project related system constants can be exported into an Ascet database.

By pressing menu item "Main/ADD/>>SystemConstants of Project" or shortcut "F9", the "Export SystemConstants from Project" window will be shown.	Main \Lambda View ADD DD5 Options Close	C Extras *	 He H	Ip U -> TargetLink <- TargetLink -> Ascet <- Ascet >> SystemConstants of Project	F1 F2 F3 F4 F9
ADD Project Name AscetT est C:WisuITIVAscetDB AscetFolder ADD Check Values Check Value Consistence Close Window	ariant Version. Revis		Sele Sele Take Sele Asce over expo	ect ADD Project ect Ascet DB; en over "ADD -> Ascet" field ect Ascet Folder Path; et Folder,Project and Modul r from the Advanced Setting ort "ADD -> Ascet"	f "Ascet DB" e will be taken js window of

Hint: "AscetProject" path is composed by the Folder and Project value of the "ADD -> Ascet" – Advanced Settings window.

4.10 Database Comparison

According to the "ADD -> Ascet" data transmission it is possible to compare an ADD Container with its exported Ascet counterpart.

After selecting all favoured settings, menu item "Main/ADD/>>DB Comparison" will start a dry export to Ascet. In this case the "dry" export will not create/update an Ascet database but rather simulate a real process run with the selected settings.

Main	Main 🚰 View 🔍 Extras 🐝 Help 🕖							
A.	ADD		× #1	-> TargetLink	F1			
¥7	DDS			<- TargetLink	F2			
Ô	Options	Strg+O	67/6	-> Ascet	F3			
•	Close Strg+Q		676	<- Ascet	F4			
_			676	>> SystemConstants of Project	F9			
			576	>> DB Comparison	F10			

On a successful process run a list of all compared elements will be automatically shown. The "DB Comparison" run can also be started by the "F10" button.

For detailed comparison settings see chapter "Interface Options", section "Compare Settings".



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4.11 Offline Mode

In case of a process run where ADD is used as source, it's possible to switch between online and offline database. At this an offline database is represented by a DDX – file (Data Dictionary Exchange – file).

Mai	n 🚮 🛛 Viev	w 🔍 🛛 Extras	*	Help 🔟		ADD Container Name
\mathcal{A}	ADD	+	4%E	-> TargetLink	F1	Please select DDX File-path Select
1	DDS	+	4%E	<- TargetLink	F2	
Ô	Options	Strg+O	676	-> Ascet	F3	DDX File - path
•	Close	Strg+Q	67/6	<- Ascet	F4	+ +
_			7	Go Offline	Strg+Umschalttaste+O	Evaluation Button Open File Browser

After the DDX – file has been analyzed via the "Evaluation"-button, the content of the offline database will be shown up.

4.12 Change TargetLink Version

In case of a process run where TargetLink is used as target, it's possible to switch the target TargetLink

version by using the "TargetLink – MATLAB Switch" tool. Main 🔂 View Q Extras 👬 Help 🕖 By pressing menu item "Extras/Change TargetLink Version..." The appropriate tool dialog will be opened.

TargetLink - MATLAB Switch v1.0	_	
TargetLink - MATLAB Version (# 3) 3.2 [Matlab.Application.7.13]	} Li	st of all available TargetLink/MATLAB egistrations.
Details)	
Version: 3.2 Application.7.13		
Path: C:\Programme\MATLAB\R2011b\bin\win32\MATLAB.exe /MLAutom;		etailed information about the irrently selected TargetLink version
Internal ID: MTLItem2 Configuration File: <u>MLTargetLink.config</u>	J	
		Apply settings and Close
Use Selected Cancel		Discard settings and Close

Hint: Click on "MLTargetLink.config" in order to open the current TargetLink-MATLAB configuration file generated during the DDS TargetLink registration run ("Register_TL.cmd").



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5 Interface Options

Interface options will be set in the "ADDS AutoCode Interface - Options" Window, accessible by main menu item "Options".

	🔅 ADDS AutoCode Interface - Options 🔲 🖃 🔍	
	ADDS Auto Close Close interface after process run 🔽 Off Time: 0 sec 🔇	ADDS Auto Close
	Additional Settings Show message box after successful process run)
	Show 'Interface Offer' window on next startup from within Ascet Do not hide command line windows on process run Select a Lacourage: Eastich (cs. US)	Additional Settings
	Log File: C:\Temp\UserTemp\juko\addsInterface.log Select	
Ascet Settings {	Ascet Settings Ise Ascet Database Use Ascet Workspace	
DDS Settings	DDS Settings Template DB: C:\Visu-IT!\EmptyDB Additionally run process 'Export Source'	
	DB-Compare Settings Process Mode: ByNameOnly V Display Mode: FullDisplay V	
Compare Settings	(Existing Database) Update Mode: Overwrite	Discard settings and Close Windows
Save Settings	Apply Cancel OK	 Apply settings and Close Windows

ADDS Auto Close:

Close "ADDS AutoCode Interface" after process run after a specified time span! By activating "**Close interface after process run**" the "Off Time" section will be enabled. To increase/decrease time span the slider must be moved to the left/right.

Hint: A time span of zero seconds ("Off Time: 0 sec") will close the interface immediately!

Additional Settings:

- By selecting "Show message on successful run" a message box will appear after a successful process run.
- "Show 'Ascet' info on next startup from within Ascet" will discard the "Remember my decision!" setting of the "ADDS Interface Offer" window (see "Ascet Info Window").
- "Do not hide command line windows on process run" will enable the process and progress windows of each process run.
- "Select a Language" gives you the opportunity to switch between several languages!
- Specify an individual Log File output path via "Select" button!

Ascet Settings:

- Choose the favoured Ascet database input/output format. Either an Ascet Database (Folder) or an Ascet Worspace file (Filde, *.ws).

DDS Settings:

• **Template DB**: Folder containing a pre-adjusted DDS database used for the further process run.



 Activate "Additionally run process 'Export Source'" to automatically generate a sub folder 'Source' in your main destination folder, containing dedicated *.c - and *.h - files.

Compare Settings:

- Limit comparison to the content structure ("ByNameOnly") or rather compare content structure and values ("All") by selecting your favoured "Process Mode".
- By selecting "**Display Mode**" "FullDisplay" all elements will be listed in your file browser. Not compared elements will be marked in a different colour. However "DifferencesOnly" displays only not comparable elements.
- Existing Database Update Mode: Behaviour control on existing Ascet DB.
- Specify the "Output Path" of your comparison file. File can be saved as "xaml" (eXtensible Application Markup Language) or "html" (HyperText Markup Language).



6 Ascet Info – Window

By starting "ADDS AutoCode Interface" from within Ascet (Menu item: "Visu-IT! Tools/Export ADD-Container") it is possible to pre-configure the "ADD-to-Ascet"-process automatically.

Based on your loaded Ascet database, "ADDS AutoCode Interface" evaluates the actual selected Ascet Database element and gather as much information as possible. Selected element must be an Ascet -Module, -Project, -Folder or Database object. The collected information will be displayed as an offer before "ADDS AutoCode Interface" – windows is shown.

<u>1</u> Database		× 3 Contents		
AscetDB	ADDS Interface Offer		n MaySize	"Container Name" will
AscetTest	Do you want to set the	'Ascet' values as default settings?		of the underlying Ascet
	Container Name' AscetTe	st		Module match with an ADD Container name
	'Ascet Database' c:\progra	amme\etasdata\ascet5.2\database\AscetDB		
	'Ascet Folder' Root			Automatically proceed
	'Ascet Project' AscetTe			the applied decision.
2.5	'Ascet Module' AscetTe	st		This setting can be revoked in the
	Visu	Remenber my decision!		"Options" - window
Apply settings 🗲	Yes	No No		 Discard all settings
<			_	
🝸 none 🔋 c:\programme\etas	sdata\ascet5.2\database\AscetDB	jrgen (16.12.2008 16:30:40) (RWCEG) Project PC	API	
T none 🛢 c:\programme\etas	data\ascet5.2\database\AscetDB		: 📕 API	
	×			

After applying the offered values, the interface will automatically set the appropriate values as default.

	ADD -> Ascet Ascet -> ADD	
	Additional Information	n
	ADD Container Name Ascet Test Ascet DB C:\programme\etasdata\ascet5.2\database\AscetDB Select C:\programme\etasdata\ascet5.2\database\AscetDB	ings
Advanced Settings - ADD exp	oort to Ascet (ADD -> Ascet)	×
←Additional Info	Mapping File Path C:\Programme\Visu-IT!\ADDS Setup 1.0.R0\DDS\Tools\DDXMan\DDSASCETMap.xml Se	lect Default
Close advanced settings window!	AscetFolder AscetProject AscetModule Root AscetTest_p AscetTest	
	ExistingDBUpdate Mode UpdateProject Verbose Ve	No Cancel No OK

Hint: To gather full Ascet database information, select the Ascet Project object!



7 Shortcuts

De	Description Shortcut		Description	Shortcut	
ADD		TargetLink	F1	Export SystemConstants of an ADD Project	F9
TargetLink	•••	ADD	F2	ADD/Ascet Database Comparison	F10
ADD		Ascet	F3	Open "Option" window	Ctrl + O
Ascet		ADD	F4	Close Interface	Ctrl + Q
DDS		TargetLink	F5	Open Manual	Ctrl + M
TargetLink	•••	DDS	F6	Open "About" window	Ctrl + A
DDS	•••	Ascet	F7		
Ascet		DDS	F8		

8 Questions?

DDS Hotline	DDS Contact	DDS Product page
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