Detailed view

Company	Sybase Inc.		
Tool	**PowerDesigner**		
Edition	Studio Enterprise	last update	07.05.2009
Version	15	Open Source	no
company located	USA, Kalifornien		
screenshot auf Homepage	no		

Support	
UML 1.x	1.x
UML 2.x	2.x
SysML	

Tool applicability for			
BPMN	x		
educational use	x		
Illustration of UML Diagramme	x		
industrial size development	x	distributed development	x
Team ability	x	limitations to the use	none
Requirements Engineering	x	Metamodell anpassbar	x
Architektur & Design	x	Modell structur free choosable	x
Code Generierung	x		

Supported UML diagramms			
Structure Diagram		***Behaviour Diagram***	
Class Diagram	x	Activity Diagram	x
Object Diagram	x	Communication Diagram	x
Package Diagram	x	Sequence Diagram	x
Component diagram	x	Use Case Diagramm	x
Composite structure diagram	x	Interaction Overview Diagram	x
Deployment Diagram	x	Statechart Diagram	x
Diagram customizable	x	Timing Diagram	

Code Generation		**Features Code Generator**	
Ada95		synchronisation	on-demand & continous
CORBA IDL	x	tag based code	yes
IDL	x	body preserving	yes
Java	x	parser	
C	x	behaviour code generation	
C++	x	support different targets	
C#	x	runtime-envrionment zugelinkt	with /without
VB.NET	x	source free available	
Delphi			
PHP			
Python			
SQL	x		
other	PowerBuilder, XML		
Code Generation customizable	voll dokumentiert und anpassbar		

Document Generation

word doc	
HTML	x
RTF	x
XLS	x
CSV	x
PDF	
Other	

Reverse Engineering

Ada95	PowerBuilder
CORBA IDL	
Java	x
C	
C++	
C#	x
VB.NET	x
Delphi	
PHP	
SQL	x
VB.NET	x
other	x

IDE Integration

JBuilder	
JDeveloper	
Eclipse	x
NetBeans	
Ideas	
Visual Studio	x
other	Einzelprodukt, Eclipse & Visual Plug-In

Repository

textbased (proprietär)	
XML based	
database based (frei wählbar?)	x
Repository structur free choosable	x

RoundTrip

C#, VB, Java, Powerbuilder

Other

XMI Import/Export	x
XMI-Version	1.3
Macro	x
Macrolanguage	VBA +extens.,GTL
UML Profiles	x
UML Profiles 1.x extension mechar	build free Templates
UML Profiles 2.x extension mechar	build free Templates
Profiles reloadable	x
MDA	x
MDA model transformation (y/n)	x
Action semantics	x
Anbindung Versionierungssysteme	version management possible

Supported OS

Win95	
Win98	
WinNT	x
Win2000	x
WinXP	x
Linux	
Unix	
Solaris	
AIX Motif	
MacOS	

Pricing

pricing model per license	standalone/floating
Pricing floating	on request
Pricing node lockes	on request
free / demo Versions	15 days trial
Limitations	
Techn. Support	yes