

LAMPIRAN A: SENARAI ALATAN CASE

Terdapat banyak alatan CASE yang terdapat dalam pasaran yang boleh anda gunakan bagi membantu menyediakan rajah pemodelan perisian anda. Berikut adalah sebahagian senarai alatan yang ada di pasaran dan telah diberi ulasan oleh pemilik laman berkenaan.

Sumber:

Barry Williams. Database Answer. (atas talian). http://www.databaseanswers.org/modelling_tools.htm (5 Oktober 2006).

PRODUCT	VENDOR	PRICE	COMMENTS
<u>Argo UML</u>	<u>Tigris</u>	Free - Open Source	For Modelling UML Diagrams - but not for the faint-hearted.
<u>Azzurri Clay</u>	<u>Azzuri (Japan)</u>	Free !!!	From Japan -Open Source Plug-In for Eclipse - Reverse Engineering and generates SQL. Pro version costs 35,000 Japanese Yen (about \$150) !!
<u>Case Studio 2</u>	<u>CharonWare</u>	Free Download, then \$175(Lite) or \$369(Full)	Looks impressive - supports an unusually wide range of Databases, including Firebird, MaxDB,Postgres - if you try it, please me have your comments. Here's a <u>"5-Star" Review from Dan Horn.</u>
<u>CASEWise</u>	<u>CASEWise</u>		Aimed at Business Process Modelling, but has links to DataArchitect.
<u>ConceptDraw</u>	<u>CS Odessa</u>	\$179 (50% off)	For ERD, UML, ORM, FlowCharts, etc. - Free Download Trial is available. I like the appearance of the diagrams this Product produces and this is an important consideration for me.
<u>DataArchitect</u>	<u>Sybase</u>	\$2,000	If you are buying for the company, buy this one. DataArchitect is part of Power Designer, which is described below.
<u>DataArchitect</u>	<u>TheKompany</u>	\$39.99	Highly recommended by Andy Brown and an unbeatable price. <u>Comments and experiences please.</u>
<u>Database Design Tool (DDT)</u>	Open Source		THANKS VERY MUCH to Josh Bosh , Milwaukee's most beloved Web specialist, for providing this link.
<u>Database Design Studio</u>	<u>Chilli Source</u>	\$39 - \$200	Comes in two versions - Lite at \$79 (\$39 Educational), which supports ERD Modeling and Forward Engineering and Professional at \$299, which adds support for Reverse Engineering.
<u>DBDesigner 4</u>	<u>FabForce.net</u>	Free	Open Source and highly recommended if you

		(Donations welcome)	work with MySQL.
<u>DB Diagram Designer</u>	<u>PrimeLogics</u>	Offers a free evaluation download or \$130 to buy.	Looks very interesting - modeller plus data editor using ODBC connections. If you try it please let me know <u>your opinion</u> .
<u>Dezign</u>	<u>Datanamic</u>	Offers a free download or \$139 to buy.	If you are buying for yourself, buy this one - now offers a <u>free Tutorial</u> .
<u>Dia</u>	<u>Gnome Office</u>	Free - Open Source	Designed to be like Visio
<u>Druid</u>	<u>From SourceForge</u>		Generates SQL Scripts and Java classes. Thanks again to Josh Bosh .
<u>Enterprise Architect</u>	<u>Sparx Systems</u>	\$99	UML Analysis & Design Tool and very affordable.
<u>ER Creator</u>	<u>Model Creator</u>	About \$100	Includes a Tutorial and a Trial version.
<u>ER Diagrammer</u>	<u>KeepTool</u>	\$240	Free download is available and a User Forum is supported.
<u>ER/Studio</u>	<u>Embarcadero</u>	<u>Trial Version available</u>	<u>A comparative Study of Database Design Tools is available</u> (requires registration).
<u>ERWin</u>	<u>Computer Associates</u>		One of the Market Leaders
<u>Happy Fish</u>	<u>Polderij NV.</u> (in Dutch)	\$89	A great name and a new Product so <u>please tell us</u> if you have any experience with it.
<u>ImportER MySQL</u>	<u>Datanamic</u>	Excellent value at \$55	Reverse Engineering for MySQL
<u>MagicDraw</u>	<u>No Magic</u>		Award-winning UML Modeller and very popular with Java enthusiasts.
<u>OR-Compass</u>	<u>Logic Works</u>	POA	Object-Relational Modelling. I saw this mentioned in a User Group somewhere, but the only reference I found is in <u>this 1998 article in DBMS magazine</u> . Logic Works was taken over by Platinum , which was taken over by CA , and the CA Product Listing does not include OR-Compass. If anyone can give me a URL, I'd be very grateful.
<u>Oracle Designer</u>	<u>Oracle</u>	\$200	Available from the <u>Oracle Technology Network</u> (free to join). Oracle says "Oracle Designer is our model-driven development tool based on the principles of Information Engineering."

<u>Oracle J-Developer</u> Thanks to Irwin Coskey for helping me keep this up-to-date.	<u>Oracle</u>	\$200	UML diagramming is part of J-Developer. Also available from the <u>Oracle Technology Network</u> . Oracle says "Oracle JDeveloper is an integrated development environment with end-to-end support for modeling, developing, debugging, optimizing, and deploying Java applications and Web services."
<u>PG Designer</u>	From John.		Open Source - for PostgreSQL. Thanks again to Josh Bosh.
<u>Platinum Repository</u>	<u>Computer Associates</u>		This is a Repository, rather than a Modelling Tool, with a 'Where-used' facility, and it lets you add entity types, such as Business Function, Business Role and Script.
<u>Poseidon</u>	<u>GentleWare</u>		Comes highly recommended, good for UML , and has an open-source FREE version.
<u>Power Designer</u>	<u>Sybase</u>	\$2,000	If you are buying for the company, buy this one. The Data Modelling Tool in this composite product is called "DataArchitect". Unfortunately, the design of the web site has changed recently and information about Data Architect is difficult to find. But the product is excellent, and I have found its powerful Reverse Engineering facilities to be very useful.
<u>ProVision WorkBench</u>	<u>Proforma Corporation.</u>	Prices on Application !!!	"A Repository-based integrated business process and object modeling toolset." An interesting range of Data Model Exchange facilities.
<u>QDesigner</u>	<u>Quest.</u>	Pricing difficult to find on the Quest Web Site	From the 'Toad Company' - looks good and is well-recommended by at least one satisfied user - a downloadable Trial is available (rather substantial at 63MB).
<u>Saphir</u>	<u>Silwood Technology</u>	\$14,000 is an indicative price	Saphir is more than a Modelling Tool . It sits between an ERP like SAP and a Modelling Tool like ERWin. It provides a very useful and powerful Metadata manipulation package which allows you to extract metadata from ERPs such as SAP, J.D. Edwards and PeopleSoft, which can then be 'reverse engineered' into a Modelling Tool like ERwin, to see the Data Model.
<u>SmartDraw</u>	<u>SmartDraw</u>	\$50 !!!	Recommended - Promoted as a UML Drawing Tool with impressive support.
<u>System Architect 2001</u>	<u>Popkin</u>	\$3,000-5,000 per seat.	A well respected Product, with <u>Downloads available for Evaluation</u> .

<u>TogetherSoft Solo</u>	<u>Borland</u>	Downloadable	Supports UML
<u>Toolkit for Conceptual Modeling (TCM)</u>	<u>University of Twente, Holland</u>	Free and Downloadable	Very interesting combination of Tools, including UML. Thanks to Tony Adams for suggesting a better link here.
<u>Visio</u>	<u>Microsoft</u>	Trial CD available	Many Versions- Standard(\$199), Technical(\$399), Professional(\$399) and Enterprise(\$999)
<u>Visual Thought</u>	<u>CERN (Godfathers of the Internet)</u>		Give it a try for UML. THANKS AGAIN to Josh Bosh , Milwaukee's most beloved Web specialist, for providing this link.
<u>Win A&D</u>	<u>Excel Software</u>	No price information on the Web Site	Unusually offers products for MAC as well as Windows - <u>UML Modelling</u> as well as ERD.
<u>xCase</u>	<u>Resolution Software</u>	\$800 (Download Trial available)	"xCase is a complete database design and maintenance tool including archiving and model compare and merge across different DBMSs".

LAMPIRAN B: Simbol Proofreader dan Editor

Terdapat simbol-simbol standard yang boleh digunakan apabila menyunting suatu makalah. Simbol-simbol ini perlu diketahui oleh kedua-dua pihak iaitu si penyunting dan yang perlu membaikinya. Berikut adalah adalah sebahagian simbol yang boleh digunakan.

Sumber:

University of Colorado at Boulder. Publications and Creative Services. Style Guide. Proofreader's and Editor's Symbols. (atas talian). <http://www.colorado.edu/Publications/styleguide/symbols.html> (17 Oktober 2006).

<i>Instruction</i>	<i>Editing Marks (in the line only)</i>	<i>Proofreading Marks (in the line and in the margin)</i>
delete	Boulder campus events	Boulder campus events
delete and close up	Bou l der campus events	Bou l der campus events
replace	Boulder campus events Denver	Boulder campus events Denver
insert	Boulder ^{campus} events	Boulder ^{campus} events
insert and close up	Bou ^l d er campus events	Bou ^l d er campus events
transpose	Boulder events campus	Boulder events campus
insert space	Boulder campus [#] events	Boulder campus [#] events
insert hair space	"Boulder campus 'events'" ^{hr#}	"Boulder campus 'events'" ^{hr#}
close up extra space	Boulder } campus events or Boulder } campus events	Boulder } campus events or Boulder } campus events
insert line space	[#] } Boulder campus events Denver campus events	> Boulder campus events Denver campus events
delete line space	Boulder campus events Denver campus events	Boulder campus events Denver campus events
equalize spacing	Boulde today	Boulde today
run on/no new paragraph	<u>She runs.</u> He jogs.	<u>She runs.</u> He jogs.
new paragraph	She runs. [¶] He jogs.	She runs. [¶] He jogs.
line break	She runs. } He jogs.	She runs. } He jogs.

