

PRODUCT	PRICE
<a href="#">AquaData Studio ER Modeler</a>	\$400
<a href="#">Altova Database Spy</a>	\$499 or \$999
<a href="#">Archimate</a>	Free Trial available
<a href="#">Argo UML</a>	Free - Open Source
<a href="#">Astah ER Diagrams</a>	Free to Students. An Annual licence is
<a href="#">Azzurri Clay</a>	Free
<a href="#">Borland Together</a>	No prices on the Website
<a href="#">CA Gen</a>	No prices on the Website
<a href="#">Case Studio 2 Acquired by CASEWise</a>	FreeDownload Trial, then \$175(Lite) or
<a href="#">ConceptDraw</a>	\$179 (50% off)
<a href="#">DataArchitect</a>	\$2,000
<a href="#">DataArchitect</a>	
<a href="#">Database Design Studio</a>	Lite at \$80 , Professional at \$299. and <b>maybe</b> Educational at \$39.
<a href="#">Database Designer</a>	\$125
<a href="#">DB Constructor</a>	Free/\$150
<a href="#">DBDesigner 4</a>	Free (Donations welcome)
<a href="#">DBDesigner-Fork</a>	Free
<a href="#">DBForge for MySQL</a>	From \$59.95
<a href="#">DB Main</a>	Free for the Data Modeller, with add-ons available at typical
<a href="#">DBSchema</a>	Free download and then <b>only \$45</b> to buy.

<a href="#">DBVisualiser</a>	Free evaluation and then <b>only \$129</b> to buy,(\$103 for
<a href="#">DB Wrench</a>	\$149
<a href="#">Dezign</a>	Offers a Free download or starts at \$259 to buy.
<a href="#">Dia</a>	<b>Free</b> - Contributions suggested
<a href="#">Druid</a>	
<a href="#">Enterprise Architect</a>	Free Download - then \$135 to \$239
<a href="#">Entity Framework Add-on</a>	\$995+/-/developer
<b>NEW</b> <a href="#">one</a>	<b>Free</b>
<a href="#">ER Creator</a>	About \$100
<a href="#">ER Diagrammer</a>	\$240
<a href="#">ERD Concepts 5</a>	\$179 Euros (single-user)
<a href="#">ER/Studio</a>	\$1,500 up to \$7,500 (!!!)
<a href="#">ERwin</a>	There is a <b>Free</b> Community Edition, and a price list is in the Online Store.
<a href="#">Experience</a>	Free Trial then 90 Euros (about \$50)
<a href="#">FastTracks</a>	
<a href="#">GenMyModel</a>	<b>Free !!!</b> A beautiful Web Site
<a href="#">Gliffy</a>	<b>Free</b> option available
<a href="#">Google WWW SQL Designer</a>	<b>Free</b> Open Source
<a href="#">G-TEA Data Architect</a>	<b>Free</b> Community version available
<a href="#">Happy Fish</a>	\$89
<a href="#">HiberObjects</a>	<b>Free</b>

<a href="#">IBM InfoSphere Data Architect</a>	\$5,570 !!!
<a href="#">ImportER MySQL</a>	Excellent value at \$55
<a href="#">Innovator</a>	Free trial then no price details available
<a href="#">KeepTool</a>	\$300 / 300 Euros
<a href="#">MagicDraw</a>	
<a href="#">Mega Database Builder</a>	
<a href="#">ModelRight</a>	Free Trial, then \$495 for DB2, Oracle and SQL Server, \$295 for MySQL and PostgreSQL, and \$195 for Access
 <a href="#">MySQL Search</a>	Free with MySQL (also Free)
<a href="#">Navicat Data Modeler</a>	Starts at \$79 for a non-commercial version
<a href="#">pgModeler</a>	\$10
<a href="#">Objecteering</a>	Free download trial
<a href="#">OmniGraffle</a>	Free download trial
<a href="#">Open ModelSphere</a>	Free
<a href="#">Oracle Designer</a>	\$200
<a href="#">Oracle J-Developer</a>	Free Download

<a href="#">Oracle SQL Developer Data Modeler</a>	Free
<a href="#">ORM Designer</a>	Offers a Free trial then costs \$140 or 99 Euros.
<a href="#">PG Designer</a>	
<a href="#">Platinum Repository</a>	
<a href="#">NEW ORM</a>	No price details available - in fact no details of any sort.
<a href="#">Poseidon</a>	
<a href="#">Power Designer</a>	\$2,000
<a href="#">ProVision now renamed to OpenText RevJ</a>	Free Trial, but prices not available on the Website.
<a href="#">RevJ</a>	Free Open Source
<a href="#">Rhalotel DB Diagram Mgr</a>	98 Euros/\$100
<a href="#">RM Bench</a>	Free Trial then \$120
<a href="#">Safyr</a>	Used to be about \$14,000 but check with Silwood
<a href="#">Schema Spy (command line) or Schema Spy GUI (Point and click)</a>	Free
<a href="#">SilverRun Data Modeller (now</a>	\$990

<a href="#">SmartDraw</a>	\$50 !!!
<a href="#">Sparx Enterprise Architect</a>	Free Download - then \$135 to \$239
<a href="#">SPSS Clementine</a>	
<a href="#">SQL Developer Diagram Editor</a>	Free
<a href="#">SQL Maestro</a>	Freeware
<a href="#">SQL Manager</a>	Free Trial available
<a href="#">SQL Power Architect</a>	Free (Open Source)
<a href="#">Squirrel</a>	Free
<a href="#">StarUML</a>	Free
<a href="#">System Architect</a>	\$3,000-5,000 per seat.
<a href="#">Toad Data Modeler</a>	Free Download, then \$479
<a href="#">Together (from</a>	No prices on the Website
<a href="#">Toolkit for Conceptual</a>	Free and Downloadable
<a href="#">Umbrello</a>	Free Open Source
<a href="#">Visio</a>	Trial CD available
<a href="#">Visual Paradigm</a>	Free Community Edition, also Free trial.
<a href="#">Vertabelo</a>	Free trial and then \$12 or \$48/month - \$99 or \$399.
<a href="#">Visual Thought</a>	
<a href="#">Win A&amp;D</a>	No price information on the Web Site
<a href="#">xCase</a>	\$800 (Download Trial available)
<a href="#">X-TEA</a>	Free

## COMMENTS

A **Free** 14-day evaluation copy can be downloaded.

The purchase price includes 12-month support. After the first year, support can be purchased for "Discounted licences are available for qualified Academic users and **Free** licenses are available

One of a broad range of Tools. Thanks to **Graham Lattin** for telling me about the change in the link.

Archimate is described as an Enterprise Architecture Modelling Tool, which would be great ;-).

Unfortunately, the download is for documentation and not for the product !!! It looks like Archimate is a For Modelling UML Diagrams - but not for the faint-hearted.

A Free Community version is available.

Astah is a total System Design tool supporting UML, ERD,DFD, Flowchart, Mind Map, CRUD and From **Japan** -Open Source Plug-In for Eclipse - Reverse Engineering and generates SQL.

Pro version costs 35,000 Japanese Yen (about \$150) !!

Offers UML but not ERDs - Described as "Visual Modeling for Software Architecture Design".

The Website offers information on Model-Driven Development.

Provides Model-Driven support for Agile Development. Has a UK Partner in Response Systems.

Looks impressive - supports an unusually wide range of Databases, including Firebird, MaxDB,Postgres - if you Here's a "5-Star" Review from Dan Horn.

Aimed at Business Process Modelling, but has links to DataArchitect.

**If you are buying for the company, buy this one.**

DataArchitect is part of Power Designer, which is described below.

This product has disappeared - thanks to **Matthijs Willemstein** for letting me know.

If you have any news or suggestions for replacements, please let me know.

Lite supports ERD Modeling and Forward Engineering and Professional adds support for Reverse Engineering.

Specially for **PostgreSQL** and includes Reverse Engineering.They give it away **Free** if you mention it in your Blog.

Here's a glowing reference at the FreeDownloadCenter Web Site.

Open Source and **highly recommended** if you work with **MySQL**.

A Fork of **DBDesigner 4** (see above)- generates SQL scripts for Oracle, SQL Server, MySQL and FireBird.

**dbForge Studio for MySQL** offers a universal MySQL and MariaDB client for database management, administration and development. With the help of this intelligent MySQL client the Devart's MySQL GUI tool provides utilities to compare, synchronize, and backup MySQL and gives possibility to analyze and report MySQL tables data.

Here's an example of a DB Forge Data Model :-

Produced in Belgium, with documentation **in English and French**.

Offers a very impressive range of features, including :-

"... meta-modeling components that allow its users to develop new functions and **extend its**

**Reverse Engineer Oracle** and other Databases using JDBC connections.

Can also generate SQL to create Databases from a Data Model.

Helpful for <b>DBA</b> work, like performance monitoring.
A Finalist for 'Best Data Access Tool 2005' in the Java Developers Journal Readers Choice Award
<b>Free</b> version available with "the basic level of features that most users require".
"Forward and Reverse Engineer, Affordable, Easy to Use."
A recent upgrade offers significantly improved features.
Supports Forward and Reverse Engineering for about 20 different Databases.
<b>If you are buying for yourself, buy this one</b>
Here's an example of a Deziign Data Model :-
"Dia is software for drawing diagrams similar to Visio", such as UML. It's Open Source with many authors. <a href="#">Install it from here</a>
Generates SQL Scripts and Java classes.
Thanks again to <b>Josh Bosh</b> .
<a href="#">From Australia - supports UML and very affordable, and has an entry in Wikipedia.</a>
"Makes Microsoft's Entity Framework easier to use"
Sample of a Data Model
Includes a Tutorial and a Trial version.
Free download is available and a User Forum is supported.
A Free download is available.
In response to a helpful comment from <b>Daryl Purcell</b> I have added a link to US prices and UK prices.
One of the Market Leaders - an enterprise solution with a particularly powerful Model Manager for large teams, especially useful when operating from different locations.
Here's an example of an ERwin Data Model :-
Works only with UML and Ruby on Rails
"GenMyModel is an innovative online UML tool for software architects and developers.
It allows to create UML-compliant diagrams, export and <b>generate code</b> from your web browser.
The <b>ONLY Online Modelling Tool</b> I have found - unfortunately it only does UML at the moment.
<a href="#">Good-looking sample Data Model.</a>
<b>An interesting and (currently) a unique Cloud-based Modelling Tool</b>
<a href="#">Renamed ERD Concepts.</a>
An open source UML Tool for creating Class diagrams that supports Reverse Engineering

Provides reverse and forward engineering facilities for a range of databases, also ERD and UML Modelling.

### Reverse Engineering for MySQL

Looks good.

It says it supports UML and ERD.

In the web site, it says :-

"With the addition of the IDEF1X-Notation also for Entity-Relationship-Models, Innovator is for the first time provided with a unified graphical presentation for both, the Entity-Relationship as

Here's an example of an Innovator Data Model :-

Can Reverse Engineer Oracle Databases to create Data Models - Comments and experiences

Award-winning **UML Modeller** and very popular with Java enthusiasts.

Looks like a great product with a wide range of features BUT there is no price information on their Site and they offer an evaluation version but you can't download it - instead they will contact you to discuss your requirements !!!

An enthusiastic user is David McKelvey from Richardson, Texas, who says "As a pure Database Physical Modeling Tool, nothing else comes close."

Looks good and offers Reverse Engineering.

Looks good with a comprehensive range of versions.

pgModeler - PostgreSQL Database Modeler - is an open source data modeling tool designed for

Very impressive Web Site - offers 4 Social Networks

"Combines ERD features with Postgres extensions".

Here is a sample Model in pgModeller:-

Looks good with a comprehensive range of features, including UML support.

**For Mac only**

**Open Source and UML**

Available from the Oracle Technology Network (Free to join).

Oracle says "Oracle Designer is our model-driven development tool based on the principles of **UML** diagramming is part of J-Developer.

Also available from the Oracle Technology Network.

Oracle says "Oracle JDeveloper is an integrated development environment with end-to-end support for modeling, developing, debugging, optimizing, and deploying Java applications and



Many thanks to **Tuomas Kassila in Finland** for telling us about this.

Oracle says :-

SQL Developer Data Modeler is a Free data modeling and design tool, for ERD and Multi-dimensional modeling, with forward and reverse engineering. It imports from and exports to a

In a discussion on LinkedIn, Kent Graziano said :-

Oracle SQL Developer Data Modeler has a Logical Modeling diagrammer that gives you the option of three different notations and the ability to turn various display options on and off. You also have an option to use box-in-box for sub types (if you like that style), so it is very

Thanks to **Ludek Vodicka** in Czechoslovakia.

Open Source - for PostgreSQL.


Thanks again to **Josh Bosh**.

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.

A very happy User says "a fantastic data modelling tool"

Comes highly recommended, good for **UML**, and has an open-source **Free** version.

If you are buying for the company, consider this one.

 es Frameworks, such as Zachman, and also Reference Models, such as Customers, Finance and mms, and an interesting 3-D Architecture

This Object Source product generates ERD Data Models from SQL. It is a way of understanding complex SQL that you might have 'inherited' from somebody else.

[Please Email me if you have any comments on RevJ.](#)

"Graphical Modelling of Relational Databases in Eclipse".

Safyr is **more than a Modelling Tool**. It sits between an ERP like SAP and a Modelling Tool like It provides a very useful and powerful **Metadata manipulation** package which allows you to extract metadata from ERPs such as SAP, Salesforce, J.D. Edwards, PeopleSoft, Siebel and May not exactly be a Data Modelling Tool.

On the Web Site, it is described as a "Graphical Database Schema Metadata Browser" and a tool

The Web Site also says :-

"Do you hate starting on a new project and having to try to figure out someone else's idea of a Or are you in QA and the developers expect you to understand all the relationships in their If so then this tool's for you.

A Contributor to the LinkedIn Data Architecture Group said :-

"Schemaspy would be nice for Reverse Engineering as it outputs in HTML and you can zip the file "I have used to to view what is inside a schema, quickly.

It helps you to quickly generate the data model and visualize entities as per 'Degree of Very flexible, and quick, it is just a 'jar' file to which you pass your database credentials and it

**Recommended** - Promoted as a UML Drawing Tool with impressive support.

[From Australia - supports UML and very affordable, and has an entry in Wikipedia.](#)

**IBM recommends this for Data Mining.**

Not to be confused with Oracle's SQL Developer.

[Offers a range of attractive features and has some glowing references.](#)

**Please let me know if you have any experience with this product.**

Here's an example of an SQL Power Data Model :-

Open Source

**"The Open Source UML/MDA Platform" (from Korea).**

[In an evaluation, I found this product very difficult to use, the diagrams were very ugly and it crashed too often for me to recommend it. Downloads available for Evaluation.](#)

**Price is 30% off** to CASE Studio 2 customers

From the makers of **Toad**, and based on CASE Studio 2 – Includes 24x7 support, runs on over 40 DBMSs, and you can create ER & Data Flow diagrams, reverse engineer and generate SQL

Offers UML but not ERDs - Described as "Visual Modeling for Software Architecture Design".

[The Website offers information on Model-Driven Development.](#)

Very interesting combination of Tools, including **UML**.

Thanks to **Tony Adams** for suggesting a better link here.

UML Modeller

Many Versions- Standard(\$199), Technical(\$399), Professional(\$399) and Enterprise(\$999)

Produced by a Hong Kong-based company - supports ERDs and UML, imports Visio

"Design your database **Online**"

Give it a try for **UML**.

[THANKS AGAIN to Josh Bosh, Milwaukee's most beloved Web specialist, for providing this link.](#)

[Unusually offers products for MAC as well as Windows - UML Modelling as well as ERD.](#)

"xCase is a complete database design and maintenance tool including archiving and model compare and merge across different DBMSs".

Data Modelling Tool includes Data Model Slideshows, Dataflows and designs.

Here is a sample Model :-