

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

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

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

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

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

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

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".

Saryr 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, 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 :-