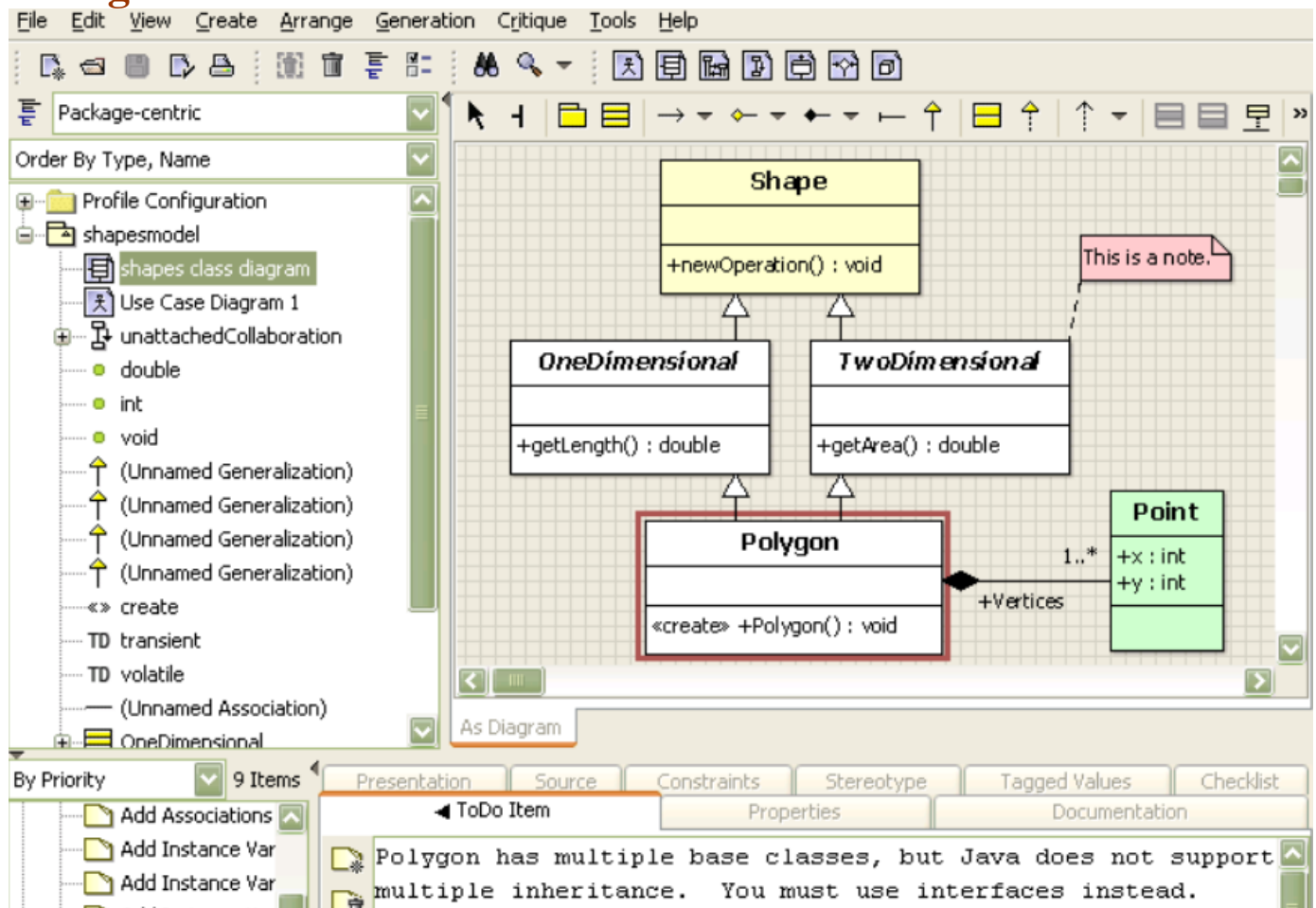


# 1. ArgoUML



This is one of the leading free and open source UML modeling tools. It has been enjoying great success, popularity and many positive reviews since its earlier releases in 2006.

**ArgoUML** runs on all Java platforms and includes support for all standard UML (Unified Modeling Language) 1.4 diagrams. Also, it is available in ten languages. The tool is distributed under the Eclipse Public License (EPL) 1.0.

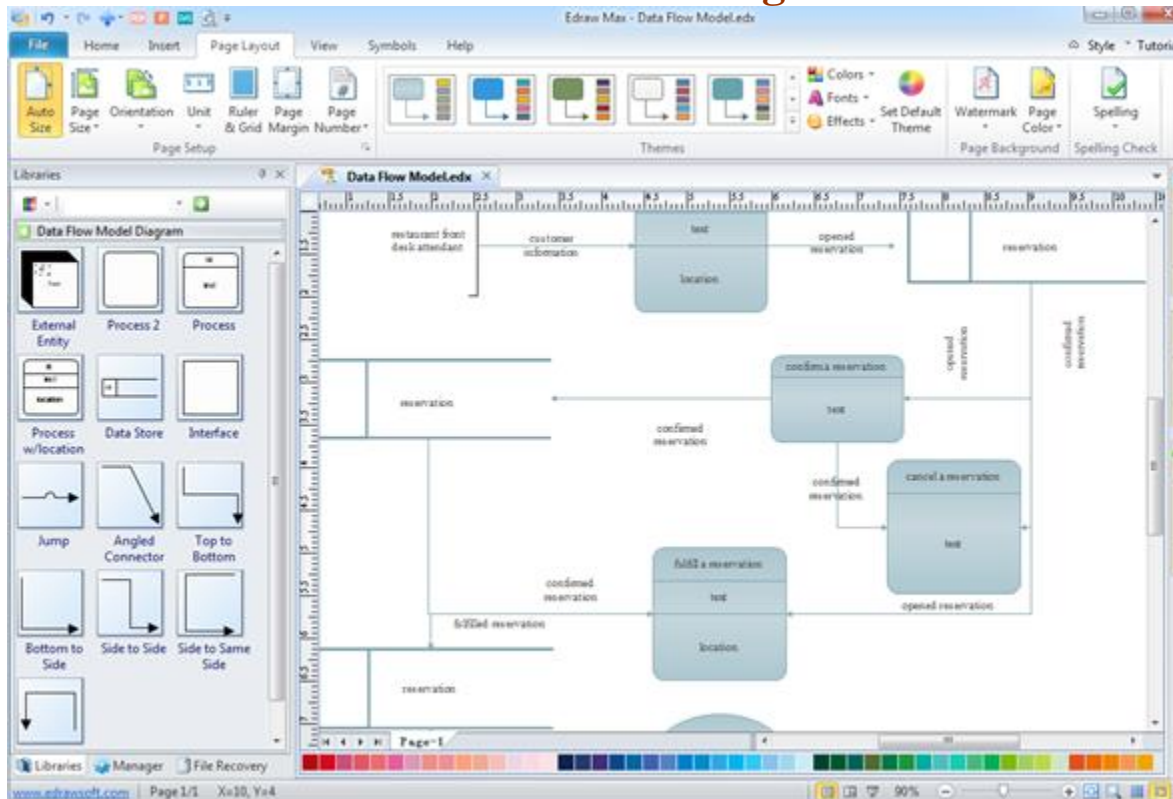
The UML integration is quite good, and users can specify everything, directly in the attributes of the diagrams.

## Key features and benefits:

- All 9 UML 1.4 Diagrams supported
- Platform Independent: Java 5+
- Click and Go! with Java Web Start

- Standard UML 1.4 Metamodel
- XMI Support
- Export Diagrams as GIF, PNG, PS, EPS, PGML, and SVG
- Available in ten languages – EN, EN-GB, DE, ES, IT, RU, FR, NB, PT, ZH
- Advanced diagram editing
- OCL Support

## 2. Edraw Max's Database Model Diagram



With Edraw Max's Database Model Diagram template, anyone can quick and easily create a **Database Model Diagram**.

This user-friendly drawing tool has rich pre-made shapes, which makes drawing rather easy. You can simply drag and drop the shapes, and you can also redesign the shapes because they are vector-based.

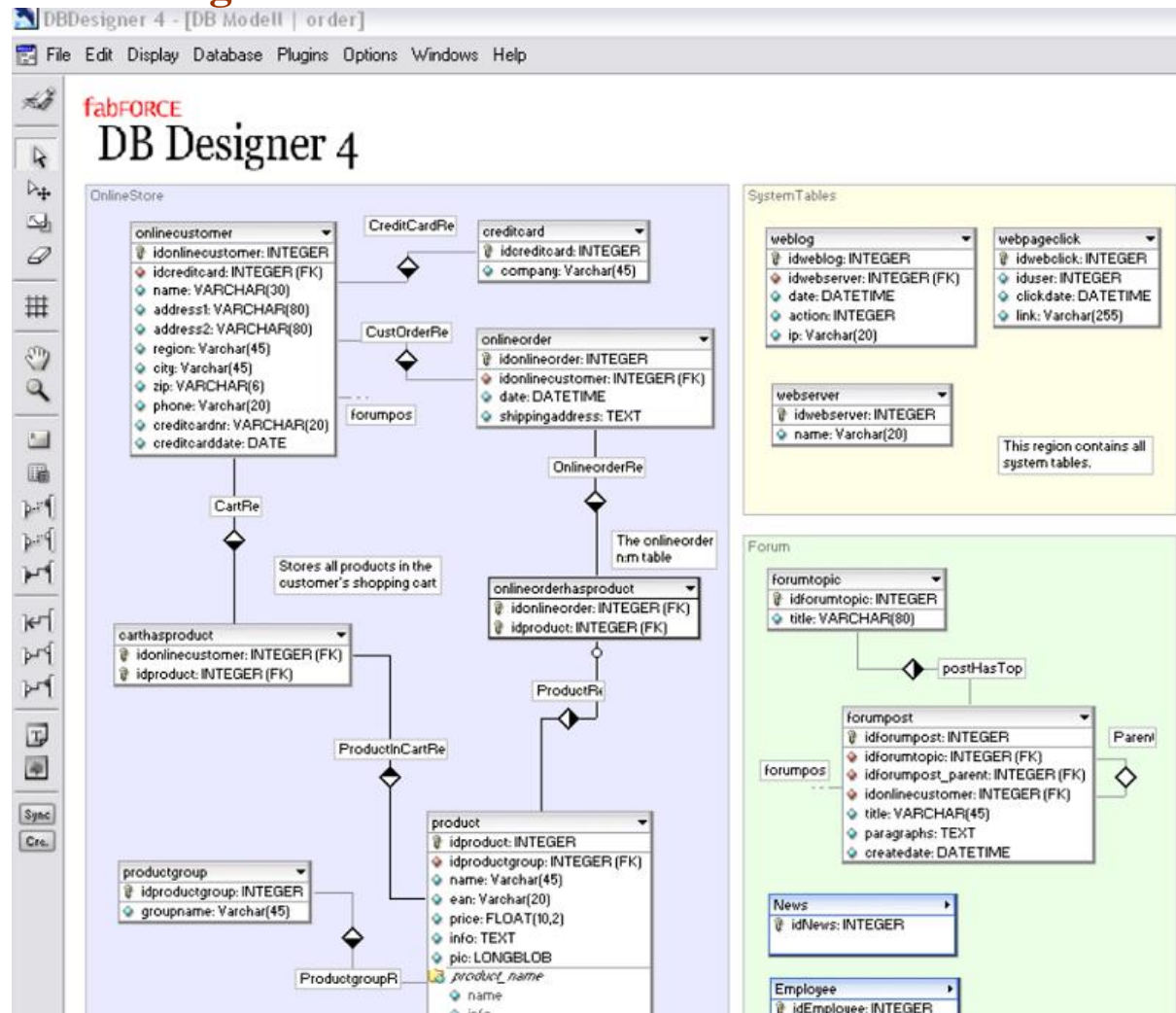
What's more, it's designed with many automated tools and advanced functions through which you can easily design and customize your drawing. It's definitely the most simple-to-use drawing tool.

**Edraw Max** includes many entity relationship shapes, entity, view, relationship, parent to category, category, category to child, dynamic connector, line connector, strong entity, strong relationship, weak relationship, attribute, derived attribute, etc.

See more information:

- **Database Model Diagram**
- **Edraw Max**

### 3. DBDesigner 4



DBDesigner 4 is an open source visual database design software available for Microsoft Windows and Linux. The tool integrates database design, creation, modeling, and maintenance into a single, seamless environment.

It is very simple to use and straightforward tool with an absolutely intuitive interface that allows you to get the job done easily in no time. Despite it is an

Open Source Project, DBDesigner 4 can compare to products like Oracle's Designer and IBM's Rational Rose.

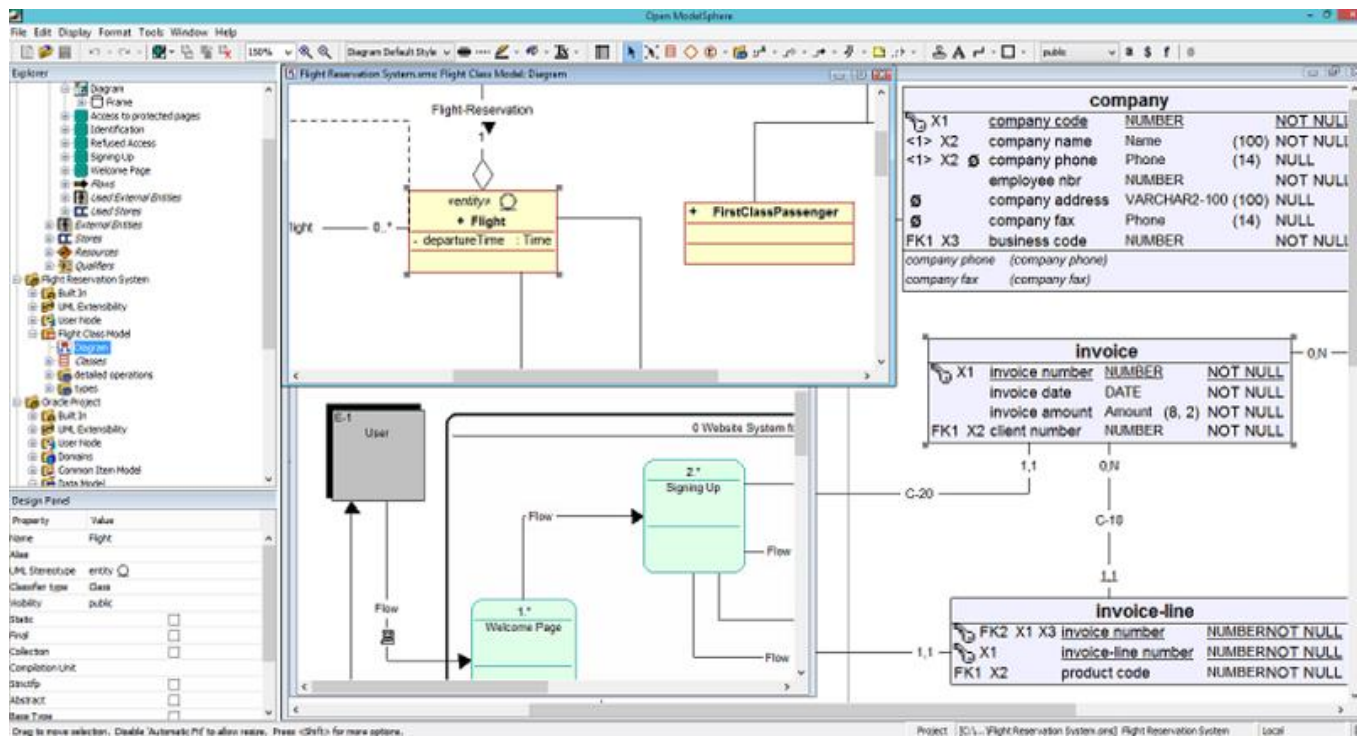
In addition, DBDesigner 4 is optimized for the open source MySQL-Database to support MySQL users with a free available design tool. If you looking for open source data modeling tools with powerful features to create a visual model of any database, DBDesigner worth to consider.

**Key features and benefits:**

- Available on Linux / MS Windows
- User Interfaced based on industry standard layouting software
- Design Mode / Query Mode
- Reverse engineering MySQL, Oracle, MSSQL and any ODBC databases
- User-defined schema-generation
- Model-To-Database synchronisation
- Index support
- Automatic foreign key placement
- Weak entity support
- Standard Inserts storing and sync
- Full documentation capabilities
- Advanced model printing
- Output as image
- All MySQL datatypes with all options
- User-defined data types
- Database storage, ability to save model within database
- Network-/Multiuser access through database storage
- Version control\*
- SQL Query Builder
- SQL Command History
- SQL Command storage within model
- Plugin interface

Website: <http://fabforce.eu/dbdesigner4/>

## **4. Open ModelSphere**



Open ModelSphere is one of the most powerful and popular open source data modeling tools and business processes software solutions. It is released under GPL (GNU Public License) and supports user interfaces in English and French.

It includes complex conceptual and logical data modeling and also physical design (database modeling). Open ModelSphere was created as a 100%-Java application. Now it is a very professional tool that is supported by a wide community of software architects and engineers.

Open ModelSphere is free software that you can download easily.

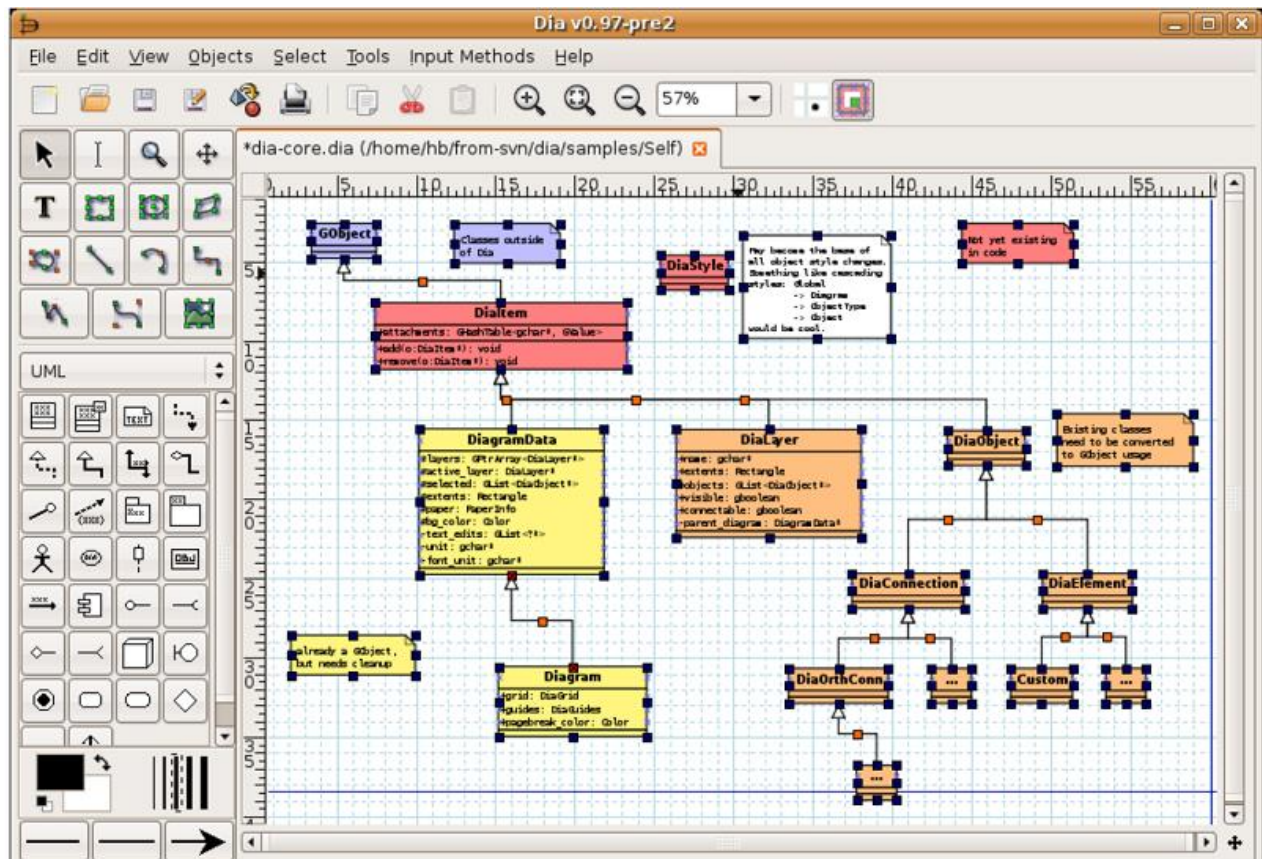
### Key features and benefits:

- Free to download, free to use and free to distribute.
- Community-driven application.
- Supports several notations, e.g. Entity-Relationship, DATARUN, and Information Engineering
- Possibility for premium support, maintenance and consulting.
- Built-in interface to connect to SQL databases.
- Bi-directional plugin.

Website: <http://www.modelsphere.com/org/>



## 5. Dia



Dia is an open source GTK+ based diagram creation program for GNU/Linux, MacOS X, Unix, and Windows. It is released under the GPL license.

You can quickly and easily create a variety of diagrams such as UML diagrams, Electrical Engineer, Cisco diagrams and much much more. Dia is an easy to use but powerful software tool with a lot of features.

The software positions itself toward more technical users, however, it's a quite good tool for everyone aiming to draw a custom flowchart.

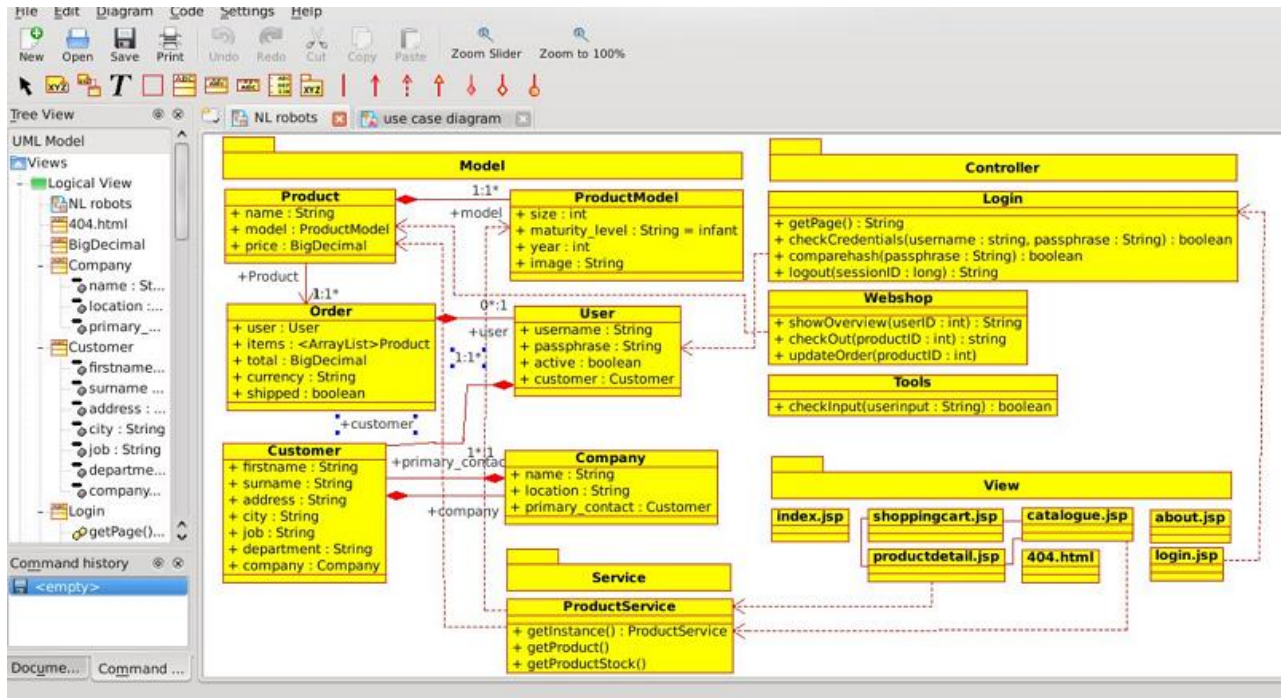
### Key features and benefits:

- Can be used to draw many different kinds of diagrams like UML diagrams, flowcharts, diagrams, network diagrams, and many other diagrams.
- You can add support for new shapes by writing simple XML files, using a subset of SVG to draw the shape.

- It export diagrams to many formats, including EPS, SVG, XFIG, WMF, and PNG.
- Can print diagrams (including ones that span multiple pages).
- Cross-platform that allows you to use your personal computer with Windows, Linux, OSX, and share the .dia files.

Website: <https://wiki.gnome.org>

## 6. Umbrello UML Modeller



Umbrello UML Modeller is a Unified Modelling Language diagram software tool based on KDE Technology. It is one of the best open source data modeling tools that empower you to draw diagrams of software and other systems in a standard format to document or design the structure of your programs.

In addition, Umbrello comes with KDE SC, included with every Linux distribution. It is available through your package manager and as an installer for Windows and Mac OS X.

The majority of Umbrello features and types of diagrams depends on the public UML standards.

**Key features and benefits:**

- Structure Diagrams (Class Diagrams, Component Diagrams, Object Diagrams, Profile, Composite, Structure, Deployment, Package Diagrams).
- Behavior Diagrams (Activity Diagrams, Use Case Diagrams, State, Sequence, Collaboration, Entity Relationship Diagrams and etc.).
- UML Icons and a lot of associations and graphics primitives are supported.
- Supports XMI 1.2 file import and export.
- Supported 3rd party file import formats.