NetBuilder'

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NetBuilder' is a completely overhauled version of the tool NetBuilder, an editor and simulator for genetic regulatory networks. This new version uses **Petri Nets** to design networks. The tool is separated into a graphical user interface, the **model designer**, and a new **simulation engine**.

Additional features: - print the model Create a layer

Create a place

The model design is very flexible since you can specify sizes and colors or an image file that is used as background

700





After modeling the network is converted into a mathematical model using user specified parameters. This mathematical model can be simulated stochastically or determinstically and the results are saved in a simple text file that can be read by e.g. gnuplot to view the results.

Future developments:

graphical representations of simulation results
integration of dynamic layout algorithms

The tool will be **open-source** and freely available for Windows, Linux and Apple Macintosh when the test phase is completed. Check our web page for latest information:

http://strc.herts.ac.uk/bio/maria/Apostrophe/index.htm

