

## ANYLOGIC EDITIONS COMPARISON CHART

Feature	AnyLogic® Educational <sup>1</sup>	AnyLogic® University Researcher <sup>1</sup>	AnyLogic® Advanced	AnyLogic® Professional
<b>Operating Systems</b>				
Microsoft Windows 7, Microsoft Windows Vista	✓	✓	✓	✓
Mac OS X	✓	✓	✓	✓
GTK-based Linux (e.g. Ubuntu Linux)	✓	✓	✓	✓
<b>Modeling Methods</b>				
<a href="#">System-Dynamics</a>	✓	✓	✓	✓
<a href="#">Agent-Based</a>	✓	✓	✓	✓
<a href="#">Discrete-Event</a>	✓	✓	✓	✓
<a href="#">Multi-Method</a>	✓	✓	✓	✓
Object-Oriented/Hierarchical	✓	✓	✓	✓
<b>Model Development Environment</b>				
Workspace for Multiple Models	✓	✓	✓	✓
Visual Notation for Model Development (e.g. Libraries, <a href="#">Action Charts</a> , Statecharts, Equations, Events, Functions, Parameters etc.)	✓	✓	✓	✓
Model Code Writing Assistance (e.g. Auto Code Completion, Pop-Up Context Documentation, Syntax Highlighting, Smart Indents)	✓	✓	✓	✓
Problem Resolution Assistance	✓	✓	✓	✓
Voting for New AnyLogic Features	✓	✓	✓	✓
Wizard for Creating New Models	✓	✓	✓	✓
Agent Wizard	✓	✓	✓	✓
Basic Model Debugging (Inspect Window at Runtime, Tracing, Messages, Step-by-Step Execution)	✓	✓	✓	✓
<a href="#">Professional Model Debugging</a> (e.g. Breakpoints, Conditional	—	✓	—	✓

Breakpoints, Watching All Model Variables  
 incl. Java Variables, Expressions  
 Evaluation, Line-by-Line Execution, Java  
 Level Debugging)

View on Event Queue	—	—	—	✓
<a href="#">Teamwork and Concurrent Version System (CVS) Integration</a>	—	—	—	✓
<a href="#">Geographic Information System (GIS) Integration</a>	✓	✓	—	✓
<a href="#">CAD Drawing Import</a>	—	—	—	✓
Sharing AnyLogic Licenses with USB Dongle	—	✓	—	✓
<b>Database Connectivity</b>				
Basic Components: Database	✓	✓	✓	✓
<a href="#">Professional Components</a> (Query, Key Value Table, Insert, Update, Text File)	—	—	—	✓
<b>Libraries</b>				
Enterprise Library	✓	✓	✓	✓
<a href="#">Pedestrian Library</a>	(limited)	(limited)	—	✓
<a href="#">Rail Yard Library</a>	✓	✓	—	✓
Road Traffic Library (preview version)	✓	✓	—	✓
<a href="#">Custom Libraries Development</a>	—	—	—	✓
Open Custom Libraries	✓	✓	✓	✓
<b>Animation</b>				
<a href="#">Business Graphics</a> (e.g. Bar Chart, Pie Chart, Stack Chart, Plots, Histograms)	✓	✓	✓	✓
Basic Controls ( e.g., Check Box, Radio Button, Button, Slider, Edit Box)	✓	✓	✓	✓
<a href="#">Professional Controls</a> (e.g., List Box, File Chooser, Combo Box, Progress Bar)	—	—	—	✓
3D animation	✓	✓	✓	✓

Exporting Models				
Simulation Applet (Java Applet) <sup>2</sup>	✓	✓	✓	✓
Simulation Applet with OptQuest <sup>2</sup>	—	—	—	—
<a href="#">Simulation Application</a> (Standalone Application) <sup>3</sup>	—	—	—	✓
Simulation Application with OptQuest <sup>3</sup>	—	—	—	Option
Export models to <a href="#">RunTheModel.com</a> - online simulation portal	✓	✓	✓	✓
Experiment Framework				
<a href="#">Simulation Experiment</a>	✓	✓	✓	✓
<a href="#">Optimization Experiment</a>	Option	✓	Option	✓
<a href="#">Parameter Variation Experiment</a>	✓	✓	✓	✓
<a href="#">Compare Runs Experiment</a>	—	✓	—	✓
<a href="#">Monte Carlo Experiment</a>	—	✓	—	✓
<a href="#">Sensitivity Analysis Experiment</a>	—	✓	—	✓
<a href="#">Calibration Experiment</a>	—	✓	—	✓
<a href="#">Custom Experiment</a>	—	✓	—	✓
Others				
<a href="#">Saving, Restoring and Exporting Simulation Output from Experiment User Interface</a>	—	—	—	✓
<a href="#">Saving and Restoring Model Snapshot</a>	—	—	—	✓

<sup>1</sup> AnyLogic Educational and University Researcher licenses may be purchased only by educational institutions. Educational license is restricted to be used solely in support of classroom instruction. University Researcher license is restricted to be used solely in public research activities. See license agreement for more details.

<sup>2</sup> It is prohibited to access any kind of databases or files from Java applets.

<sup>3</sup> Each AnyLogic Professional license includes 5 AnyLogic Engine Runtime Licenses for execution Simulation Applications. Additional AnyLogic Runtime Licenses may be purchased.