GAMS

Optimization

www.gams.com

Support

Sales

Solvers

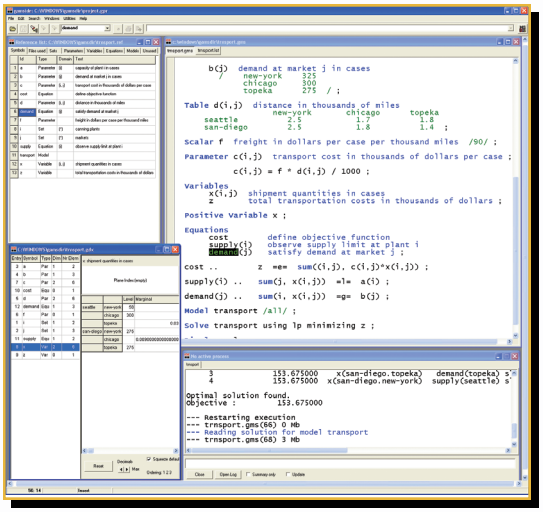
Documentation

Model Library

gamsworld.org

High-Level Modeling

The General Algebraic Modeling System (GAMS) is a **high-level modeling system** for mathematical programming problems. GAMS is tailored for complex, large-scale modeling applications, and allows you to build large maintainable models that can be adapted quickly to new situations. Models are **fully portable** from one computer platform to another.



GAMS Integrated Developer Environment for editing, debugging and solving models and viewing data.

Wide Range of Model Types

GAMS allows the formulation of models in **many different problem classes**, including

- Linear (LP) and Mixed Integer Linear (MIP)
- Quadratic Programming (QCP) and Mixed Integer QCP (MIQCP)
- Nonlinear (NLP) and Mixed Integer NLP (MINLP)
- Constrained Nonlinear Systems (CNS)
- Mixed Complementary (MCP)
- Programs with Equilibrium Constraints (MPEC)
- Conic Programming Problems
- Stochastic Linear Problems

State-of-the-Art Solvers

GAMS incorporates all major commercial and academic **state-of-the-art solution technologies** for a broad range of problem types, including global nonlinear optimization solvers.

GAMS Announces Linux 64 and Macintosh PowerPC Support

GAMS has recently added support for 64 bit x86_64 (Linux) as well as Macintosh Power PC (Darwin). Linux licensing includes both 32 and 64 bit at a single platform cost. Available solvers by platform are shown below. For additional information, **contact sales@gams.com.**

Solver/Platform availability - 21.7									
	Intel MS Windows	x86_64 Linux	Intel Linux	Sun Sparc SOLARIS	HP 9000 HP-UX 11	DEC Alpha Digital Unix 4.0	IBM RS-6000 AIX 4.3	SGI IRIX	Mac PowerPC Darwin
BARON 7.2	✔	32bit	✔				✔		
BDMLP	✔	✔	✔	✔	✔	✔	✔	✔	✔
COIN	✔	✔	✔						✔
CONOPT 3	✔	✔	✔	✔	✔	✔	✔	✔	✔
CPLEX 9.0	✔	✔	✔	✔	✔	8.1	✔	✔	
DECIS	✔	✔	✔	✔	✔	✔	✔	✔	
DICOPT	✔	✔	✔	✔	✔	✔	✔	✔	✔
KNITRO 4.0	✔	32bit	✔						
LGO	✔	✔	✔	✔	✔	✔		✔	✔
MILES	✔	✔	✔	✔	✔	✔	✔	✔	✔
MINOS	✔	✔	✔	✔	✔	✔	✔	✔	✔
MOSEK 3.2	✔	✔	✔	✔	✔				✔
MPSGE	✔	✔	✔	✔	✔	✔	✔	✔	✔
MSNLP	✔	✔	✔	✔	✔			✔	✔
OQNLP	✔	32bit	✔						
OSL V3	✔	32bit	✔	✔	V2		✔	V2	
OSLSE	✔	32bit	✔	✔			✔		
PATH	✔	✔	✔	✔	✔	✔	✔	✔	✔
SBB	✔	✔	✔	✔	✔	✔	✔	✔	✔
SNOPT	✔	✔	✔	✔	✔	✔	✔	✔	✔
XA	✔	32bit	✔	✔	✔	✔	✔		
XPRESS 15.25	✔	32bit	✔	✔	15.20		15.20		

Available **GAMS** solvers by platform, including the newly available Macintosh PowerPC and Linux x86_64 platforms.

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