

What's New: MIRO and ENGINE

Model Deployment and Solution in the Cloud

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Our Products



SAMS

Modeling Language

- ✓ Many solvers included
- ✓ Modern IDE (Studio)
- ✓ APIs for Python, C++, .NET and JAVA



R R

Graphical UI Generator

- ✓ Zero programming
- ✓ Desktop or Server
- ✓ Extensible library of graphical output formats



NGINE

Job Scheduler

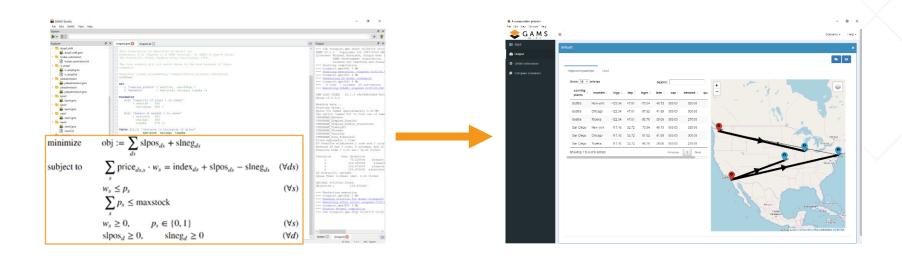
- ✓ Centralized compute resources
- ✓ Cloud Environments
- ✓ REST API
- ✓ User Management



What is GAMS MIRO?

- Interactive application for your GAMS model
- Library for all your MIRO apps
- Gateway for optimizing in the cloud

→ GAMS MIRO is a new deployment environment for GAMS models





LIVE DEMO

- Start with GAMS MIRO gallery: https://miro.gams.com/
- Look at the Cohort Divisor app: https://miro.gams.com/gallery/app_direct/cohortdivisor/
- N.B.: the GAMS jobs are being solved with GAMS Engine



Optimizing in the cloud - MIRO Setups

MIRO Desktop

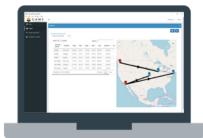
Everything local



- GAMS & MIRO installed locally
- Synchronous job execution

MIRO Desktop

Boosted by GAMS Engine



- MIRO installed locally
- Synchronous and asynchronous job execution

MIRO Server

Everything on a server

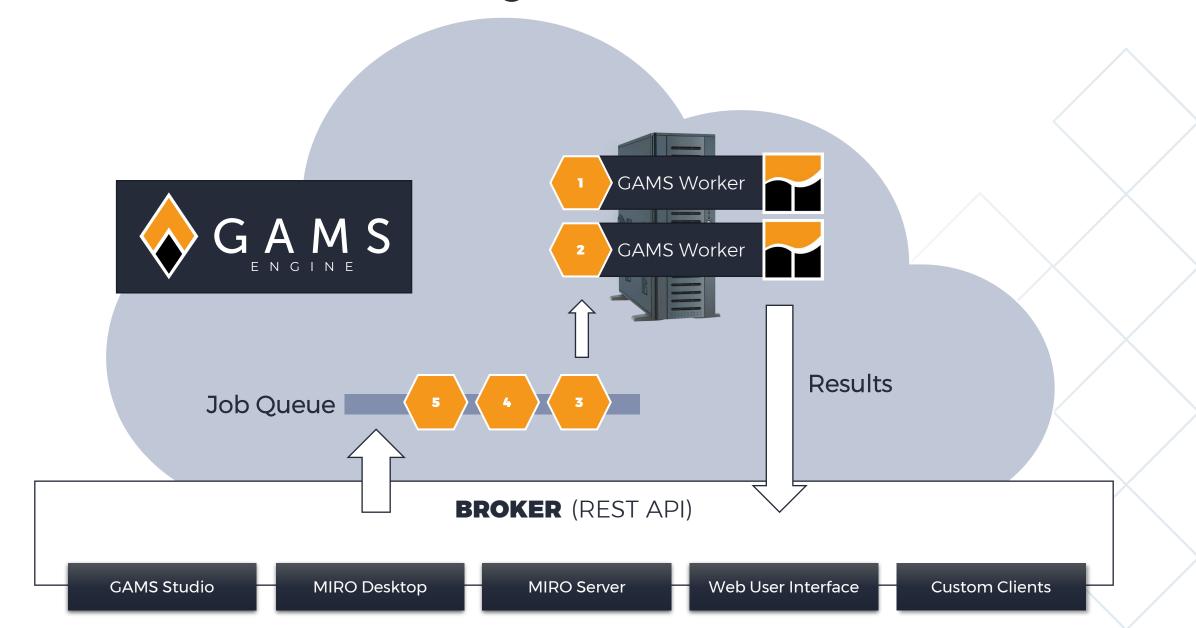




Remote
GAMS job execution
via GAMS Engine

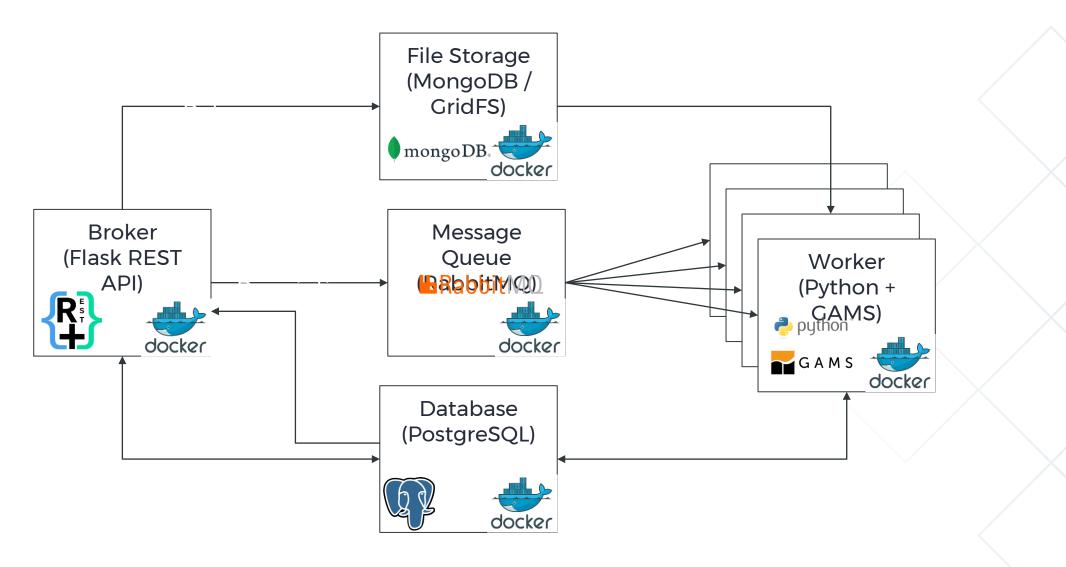
GAMS Engine - Overview





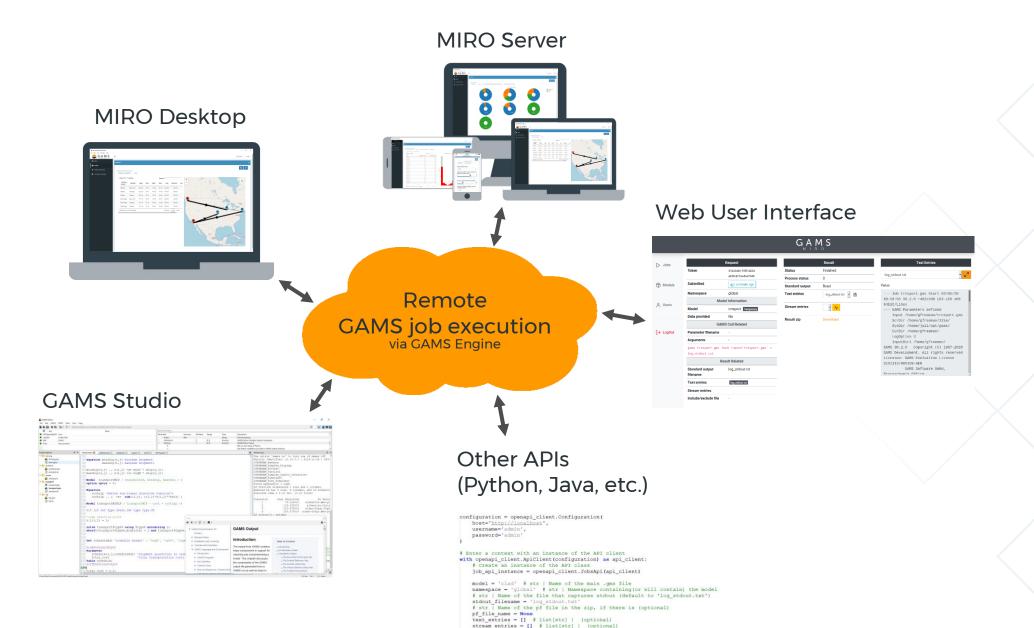


Let's take a closer look



Connecting to GAMS Engine







Develop your own Client





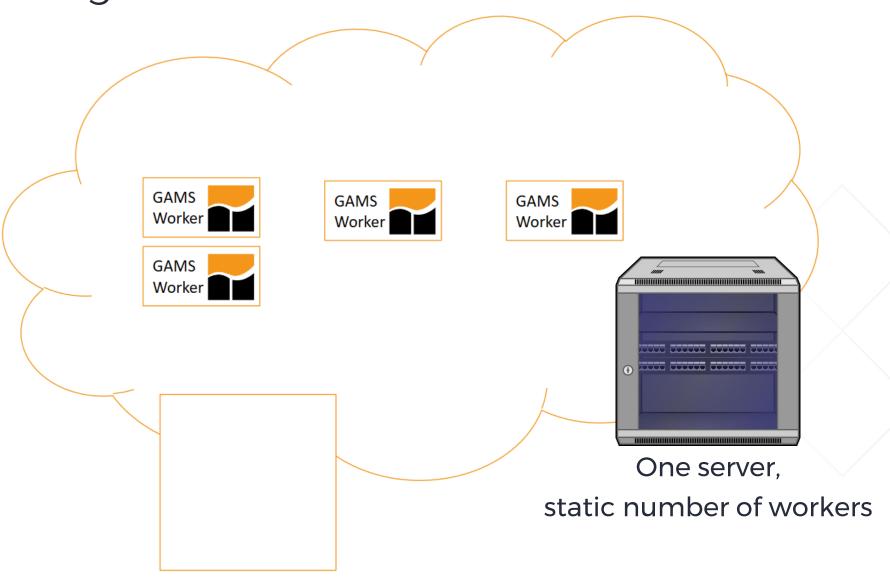


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Easily (auto)generate clients!

Optimizing in the cloud - GAMS Engine





Optimizing in the cloud - GAMS Engine



