



Architect of an Open World™

NumInnov

Establishing High-Performance Cloud leadership
to foster the business of innovation

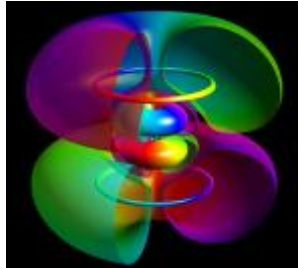
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Extreme Computing applications

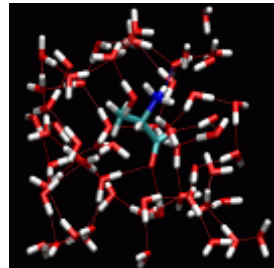
Electro-Magnetics



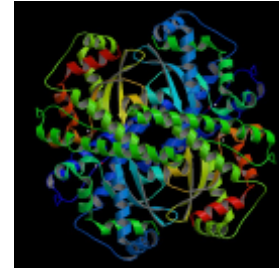
Computational Chemistry
Quantum Mechanics



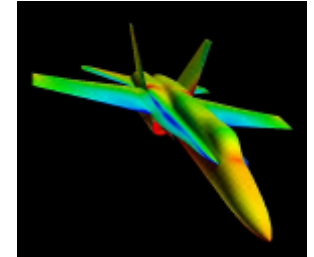
Computational Chemistry
Molecular Dynamics



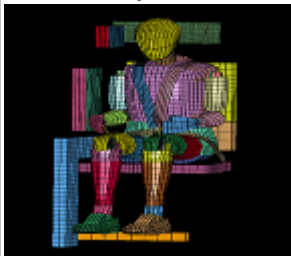
Computational Biology



Structural Mechanics
Implicit

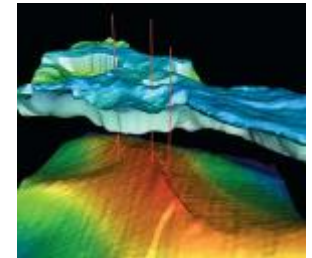


Structural Mechanics
Explicit

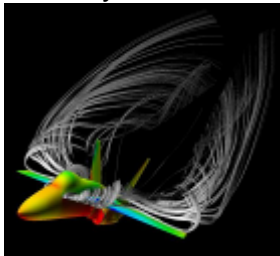


Ecosystems, value chains, industry sectors

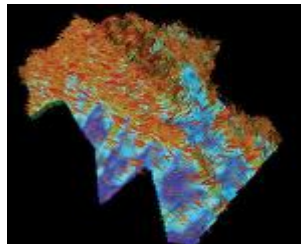
Seismic Processing



Computational Fluid
Dynamics



Reservoir Simulation



Rendering / Ray Tracing



Climate / Weather
Ocean Simulation



Data Analytics



The attractiveness of Cloud HPC

- Lower costs through shared, pooled resources
- New economic models
 - Opex based
- Lower entry barriers
 - Avoid investment in complex highly parallel systems
- Ability to share workloads within communities and industry sectors
- Workload elasticity
 - Large system simulation
 - Faster execution

The Cloud model provides an opportunity to democratize usage of HPC within all industrial sectors, including SMEs

Inventing new applications and services

Manufacturing and Services

Accelerate innovation in all industry and services sectors including SMEs

Culture and Multimedia

Develop and deliver digital content (HD/3D)

Cloud HPC will facilitate the emergence of new services and ecosystems

Social, Environment, Homeland Security

Anticipate sanitary, ecological and food crisis, improve surveillance

Healthcare

Develop and provide new applications and services to support advanced health intelligence

The NumInnov project: executive summary

- The aim of the project is to set up a company, which will build and run the premier European secured Cloud Computing for High Performance Computing services.
- The aim of NumInnov is to deliver trusted Cloud services for use by modeling, simulation and massive data analysis applications across the industries and emerging new usages of digital economy (new digital multimedia services, medical imaging, homeland security....)
- The project will be based on an investment of 28M€, from shareholders including Bull and associated partners (67%) and the French state (33%)

NumInnov: an independent Cloud Service Provider acting as a market place with integrated services and innovative solution packages, including computing, storage, software applications, trusted security services and expertise in application and service enablement

NumInnov: the premier company in Cloud HPC

- Solid equity backing from investors
 - Funding of technology roadmap, infrastructure deployment and European-wide channel
- Fully-functional technology platform
- Business functionality based on a market place model
- Strong investment in partner ecosystem
 - ISV/partner foundation will be created
- Aligned with other SME-focused initiatives
- Time to market offer
 - Tested, market-validated concept and offer based on 18 months of experience
 - Operations from Q3 2012

Questions? Contact us

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