



## **Huge Data Analytics: Calpont InfiniDB Columnar DBMS Empowers New Research with The World's First Searchable Genotype Database**

*Presentation at Strata Conference Looks at the Synergies of Column Storage and Map Reduce*

**Santa Clara, CA, February 29, 2012** – Calpont Corporation announced today at the [Strata Conference](#) how its high performance analytic database InfiniDB is being used to solve new and emerging Big Data problems.

The presentation titled, "[Huge Data Analytics: Calpont InfiniDB Columnar DBMS Empowers New Research with The World's First Searchable Genotype Database](#)," will be featured at 1:30 p.m. on Wednesday, February 29 in Ballroom G at the Santa Clara Convention Center. The presentation will discuss how advances in columnar databases are creating bio-science opportunities that were previously not possible.

Fernanda Foertter, HPC Scientific Programmer at Genus Plc, and Jim Tommaney, CTO at Calpont, will share how the team at Genus discovered an innovative way to store and access the huge volumes of data being generated modeling genotypes. The presentation will also discuss the benefits of column storage and how InfiniDB's built in map-reduce empowers high performance Big Data analytics. A perfect fit for a number of growing Big Data challenges, InfiniDB was designed from the inception for large scale, high performance dimensional analytics, predictive analytics, and ad-hoc business intelligence.

Calpont also announced today the next generation of its popular columnar database, [InfiniDB 3](#) will be available in April 2012. The new release boasts capabilities to capitalize on a variety of data structures and deployment variations to meet organizations' need for a flexible and scalable Big Data architecture that is simple to deploy and maintain.

Copies of the presentation, more information on Calpont InfiniDB, or to see how you can try the Enterprise version can be found at <http://www.calpont.com>

### **About the Speakers**

[Fernanda Foertter](#) is a self-described, "computer geek interested in Big Data analyses using High Performance Computing." She has a background in Particle Physics simulations, Molecular Dynamics and Quantum Chemistry Simulations, and more recently Bioinformatics at Genus PLC. Other interests include application development, parallelization techniques and Big Data curation. At Genus she's responsible for keeping the clusters running and helping scientists make full use available technology or bringing in new ones to reach their goals. She holds a BS in Physics from Florida International University and an MS in Materials Science Engineering from the University of Florida.

[Jim Tommaney](#) is the Chief Technology Officer at Calpont Corporation where he is responsible for the design and architecture of InfiniDB; a high performance, horizontally scalable, and cost effective solution purpose built for data warehousing and analytics. Jim's expertise includes designing, managing, and delivering enterprise data architectures for Global 2000 companies across a variety of clustered, large

SMP, and distributed/partitioned systems. He holds a BBA from Texas A&M and a Masters in Management Information Systems from the University of Texas at Dallas.

**Tweet this:** News: @Calpont Presents Synergies of Column Storage and Map Reduce #strataconf .  
#InfiniDB #mySQL #hadoop

### **About Calpont**

Calpont Corporation is a provider of scalable, high-performance column-oriented analytic databases enabling ultra-fast, deep analysis of massive data sets. InfiniDB Enterprise is the emerging choice for demanding data warehouse, business intelligence, reporting, and analytic deployments. Known for its rapid implementation time, unmatched operational simplicity and extraordinary value, InfiniDB provides a proven solution for data-intensive businesses, including those in the software, online business, telecom, and social spheres. For more information, please visit [www.calpont.com](http://www.calpont.com), join our community at [www.infinidb.org](http://www.infinidb.org), or follow us at [www.twitter.com/calpont](http://www.twitter.com/calpont) .

###

### **Contact:**

Mark Peterson  
Peterson Communications for Calpont  
831-626-4400  
[mark@petersoncom.com](mailto:mark@petersoncom.com)