



Paracel Adopts the PathScale EKO Compiler Suite as an “Essential Tool”



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**-- Marc Rieffel, Paracel, Inc.
Senior Manager of Research and Development**

Organization:

Paracel, Inc.®, a business unit of **Applera Corporation - Celera Genomics Group (NYSE: CRA)**
www.paracel.com

Industry:

High-Performance Computing (HPC)

Location:

Pasadena, CA

Applications:

BLAST, Amber, HMMER, POP, CAM, MM5

Solution Set:

Integrated Linux cluster-based systems optimized for customer applications.

PathScale Products Used:

EKO Compiler Suite

BUSINESS CHALLENGE: Paracel has years of experience optimizing the performance of Linux clusters for high-performance computing applications including computational fluid dynamics, finite element analysis, weather simulation, molecular modeling, bioinformatics and other processor-intensive environments.

Customers rely on Paracel to solve their most technically challenging problems by delivering turnkey systems professionally crafted and optimized for their specific applications.

WHY PATHSCALE? Paracel is continuously combing the marketplace for ways to improve performance, according to Paracel’s Senior Manager of Research and Development, Marc Rieffel.

“We performed several benchmark tests with the PathScale compilers and achieved exceptional performance,” explained Rieffel. “We were especially impressed with PathScale’s exclusive PathOpt™ capability. This automated optimization selection technique is an important innovation that helped us substantially improve performance on certain benchmarks and has been of significant value to us.”

SERVICE AND PERFORMANCE: “Another great advantage we enjoy from PathScale is the exceptional level of service and support they give us. PathScale’s support team is very fast at helping us resolve both correctness and performance questions,” Rieffel said.

“PathScale’s policy of treating performance issues as a bug gives them a strong competitive advantage. When we report issues to PathScale, they are very quick to provide us with additional options on compiling code, and in delivering any needed enhancements very rapidly.”

“We have seen continuous improvement in our performance results. This made a clear and compelling case for us to purchase the PathScale Compiler Suite for our lab,” Rieffel revealed.



AN ESSENTIAL TOOL: “Today, when our engineers are working with customers to maximize the performance of their applications, I make sure they know which platforms and performance bottlenecks would benefit from the use of the PathScale compiler,” Rieffel added.