



Chuck Bear

Hewlett Packard Enterprise Fellow
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Chuck Bear is an engineer and architect in the Hewlett Packard Enterprise Big Data Platform group. While Chuck's primary focus is ensuring that the Vertica database product continues to evolve to meet market needs and incorporates state-of-the-art research, he also helps with the integration of Big Data technologies into the broader HPE Software portfolio. Chuck has a strong interest in software performance and maintainability tradeoffs, and the ongoing co-evolution of hardware and data processing software.

Bear's current projects include a new approach for incorporating text search and analytics into databases, combining structured and unstructured data in a single data management engine, and increasing the performance, scalability, and flexibility of Vertica.

Bear has spent over 10 years working on the Vertica Analytic Database, and played a key role in translating it from the vision of a group of prominent academics into a leading commercial product built on sound engineering principles.

Prior to Vertica, he worked on firmware and management servers for coaxial cable networks, computer-based patient medical records, and finite element analysis software.

A member of the ACM, Chuck has co-authored papers and presentations for VLDB, ICDE, and CIDR, and is co-holder of several patents and applications. He earned his B.S. and M.S. in Computer Engineering from Case Western Reserve University in Cleveland Ohio.