

GAME DEVELOPER, HIBERNUM, SELECTS RIAK KV FOR USER DATA STORAGE

Hibernum is a creator and developer of unique gaming experiences that combine the latest in social gaming, top quality visuals and animations, and cutting edge design. Hibernum has created over 30 mobile and Facebook games and has millions of registered users. They use Riak KV to store user game information for one of their most popular social games, serving thousands of requests per second to over a million active monthly users. Based on their success with Basho, Riak KV will also be used to power many other Hibernum games that are in development.

INDUSTRY

Gaming

CHALLENGE

Need cost-efficient solution that easily scales and supports a large amount of requests

THE SWITCH FROM MYSQL

Hibernum began to grow quickly after the release of their first solo project in February 2012. However, with this rapid growth came challenges scaling their infrastructure. Originally using a relational solution, Hibernum found the manual sharding required to scale was both inefficient and operationally intensive. Hibernum decided they needed something that could better handle their significant growth. They started looking for a cost-efficient solution that could support the large amount of requests, as well as a solution that allowed for easy scalability.

Hibernum quickly realized that a NoSQL solution was a better fit for their needs and evaluated a number of databases in the space. After testing multiple solutions, Riak KV was chosen for its high availability, ability to scale to peak loads, and predictable operational cost.

While launching Riak KV, Hibernum worked closely with Basho support to help solve some of their unique database needs. "Whenever we had questions, we were able to call up Basho. They provided 24/7 support and helped to resolve any issues quickly," said Mario Lefebvre, IT Specialist at Hibernum. "The direct and wonderful support from Basho was an added bonus to the great product."



“*Riak KV is a robust and serious database solution that every business should consider.*”

- Mario Lefebvre, IT Specialist at Hibernum

RIAK KV IN USE

Currently, Hibernum's Riak KV installation supports more than a million monthly active users. User data is stored in Riak KV as JSON objects, and Hibernum uses Riak KV's HTTP interface, a perfect fit for their Node.js-based application server. As the game grows in popularity, millions of new entries are generated and stored in Riak KV, as well as any updates or modifications that may occur during gameplay. Lefebvre has said that Riak KV is, "managing this load like a charm and is a stable and rock solid solution." To learn more about Hibernum or to check out their popular games, visit www.hibernum.com. To get started with Riak KV Enterprise, check out our complete overview [here](#).



ABOUT BASHO

Basho, the creator of the world's most resilient databases, is dedicated to developing disruptive technology that simplifies enterprises' most critical distributed systems data management challenges. Basho has attracted one of the most talented groups of engineers and technical experts ever assembled devoted exclusively to solving some of the most complex distributed systems challenges presented by Big Data and IoT.

Basho's database, Riak® KV, the industry leading distributed NoSQL database, is used by fast growing Web businesses and by one-third of the Fortune 50 to power their critical Web, mobile and social applications. Built on the same foundation, Basho introduced Riak TS, which is the first enterprise-ready NoSQL database specifically optimized to store, query and analyze time series data. Basho also provides Riak integrations for a variety of Big Data technologies like Apache Spark, Redis, Mesos, and Apache Solr.

For more information visit Basho.com which is full of interesting use cases, customer case studies and product detail, or docs.basho.com for technical documentation.