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KEYW Releases Data Analytics Development Tool, Hog, to the Open Source Community

Application Provides End-to-End Solution for Developers and Analysts of all Levels to Analyze Large Data Sets

HANOVER, Md., Sept. 14, 2016 (GLOBE NEWSWIRE) -- The [KEYW Holding Corporation](#) (Nasdaq:KEYW), today announced the release of Hog, an integrated development environment (IDE), to the open source community. Hog builds on a recognized big data and cyber analytics staple, [Apache Pig](#), to provide an environment where both analysts with minimal or no coding abilities—and experienced script developers can efficiently perform queries on large sets of data. [Watch a brief video clip](#) on the application.

Hog provides a drag-and-drop interface that allows analysts to directly interact with large data sets without needing to fully understand Pig development or coding—and an interface where experienced developers can leverage added features of Hog using the traditional Pig scripts. Regardless of skill level, Hog is an end-to-end solution for effectively analyzing large data sets.

"Hog's capability to offer both simple and complex pages bridges the knowledge gap between analysts and developers, while also helping to improve overall efficiencies," said Bruce Potter, KEYW's chief technology officer. "KEYW leverages open source on a regular basis when developing solutions for our customers, and this release provides a great opportunity for us to give back."

Key Features of Hog:

- | **Simple Page Option** — For users with no coding experience to select the desired data analytics functions and script modifications using a drag-and—drop interface.
- | **Complex Page Option** — For the experienced Pig script developers to write Pig scripts in a traditional development environment while benefiting from the added Hog features.
- | **Transition from Simple to Complex Page** — Allows experienced and non-experienced users to work together using both the simple and complex interfaces.
- | **Graphs Data Results** — Users can view results in graphic or table form to quickly identify trends and spikes.
- | **List** — Displays every script created in Hog and allows viewing, editing or deleting as needed.
- | **Autocomplete, Syntax Colorization and Versioning** — Users in the complex page area can use autocomplete and syntax colorization for usability and versioning to return to any version of the script at any point.

Availability

Hog is designed as a Node.JS-powered website which can be deployed almost anywhere, and uses the locally-installed instance of Pig. Hog is available on [GitHub](#).

Additional Resources

- | [Hog User Manual](#)
- | [Hog Whitepaper](#)

About KEYW

KEYW is a total solutions provider for the Intelligence Community's toughest challenges. We support the collection, processing, analysis and dissemination of information across the full life cycle of the Intelligence Community's mission. We employ and challenge the most talented professionals in the industry with solving such complex problems as preventing cyber threats, transforming data into intelligence and combating global terrorism. For more information, visit the [company website](#).

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