



Data Management Platform



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YAVA is a 100% open source compilation of Big Data platform that use of the power of Apache Hadoop ecosystem and designed to help accelerate the adoption of Hadoop implementation and its ecosystem in Indonesia.

WHAT IS YAVA?

YAVA Data Management Platform, or commonly referred to **YAVA** is a open source compilation platform that provides a big data management environment with management and monitoring of Hadoop cluster. A combination between the power of Apache Hadoop ecosystem and ease of use, **YAVA** designed to help accelerate the adoption of Hadoop implementation.

What's Included

Data Flow

→ *Flume, Kafka, Sqoop*

Basic Hadoop

→ *HDFS, YARN, MapReduce*

Data Processing & Analytic Framework

→ *MapReduce, Spark, Storm, Tez*

Machine Learning & Data Mining Library

→ *Apache Mahout, Apache Spark*

Online NoSQL

→ *HBase, Accumulo*

Analytics SQL

→ *Hive, Apache Phoenix*

Search & Indexing

→ *Apache Solr*

Security

→ *Knox, Ranger*

Data Governance

→ *Apache Falcon, Apache Atlas*

Cluster & Job Management

→ *Ambari, Zookeeper, Oozie, Apache Slider*

Workflow Designer

→ *HGrid247*

Integrated Data Platform

YAVA provides a wide range of data access dan processing capabilities: batch, streaming, interactive, SQL and real time in a single cluster. It will enables you to analyze data for various use cases to get deep data insights that can transform your business

Open Technology

YAVA is built on top of the Apache projects, giving you the advantage of the best technology with wide range of supporters and adopters. By choosing and orchestrating the latest and most stable versions of various components, you will avoid the risk of vendor lock-in solution.

Enterprise Ready

YAVA delivered with security, centralized cluster management and integrated monitoring that enable multiple workloads simultaneously. You can answer all enterprise demand

Reliability and Flexibility

Hadoop and its ecosystem has been proven for more than a decade in fast, effective and efficient large-scale data processing. With YAVA, you can take all the power of hadoop and implement it as needed

Interoperable

YAVA is interoperable with a broad ecosystem, moving data from and to YAVA to other system can be done easily. It allows you to reduce cost and effort, and preserve investment in your IT architecture.

Total Support

One of the challenges in using open source technology is support. YAVA is supported in terms of platform lifecycle, implementation, operations and knowledge. You can get community or commercial support



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