



IBM webMethods Adapter for HDFS

9.8

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Release Highlights

IBM is pleased to introduce IBM webMethods Adapter 9.8 for HDFS. This adapter helps your applications to seamlessly read from Hadoop File System (HDFS) and write into HDFS. With a variety of formats supported and the ability to read or write directly from Integration Server documents without requiring transformation, the adapter makes it very easy and friendly to integrate with Hadoop.

- **Read and Write**
IBM webMethods Adapter for HDFS provides bi-directional capability. The adapter can read a file on HDFS as well as write into HDFS. While writing, the adapter provides you with the choice of appending data to an existing file, overwriting the file contents, or creating a completely new file.
- **Multiple File Formats**
IBM webMethods Adapter for HDFS supports text, CSV, JSON and XML formats for writing as well as reading. Any Integration Server document can be automatically converted to these formats while writing. Similarly, while reading from a file, the adapter can automatically read a file as an Integration Server document with specific types.
- **No Dirty Reads**
When writing a large file, there is every chance of the file being read by an application before it is completely written. To avoid this dirty read, the adapter first writes the entire file to a temporary invisible file and then renames the temporary file to the actual file name.
- **Kerberos Authentication**
IBM webMethods Adapter for HDFS supports Kerberos authentication. A Kerberos keytab file can be imported and used with Kerberos Principals.
- **Failover Support**
When connection to the primary NameNode fails, the adapter connects to the secondary NameNode defined as part of the connection configuration.
- **For information about previous releases of the IBM webMethods Adapter for HDFS, see the release notes for those releases.**
- **Platform Support**
For a complete listing of the versions of HDFS and of IBM webMethods Integration Server with which the adapter works, see the IBM webMethods Adapters System Requirements document and the IBM webMethods Adapter for HDFS Installation and User's Guide.